VADEMECUM

VETERINARY SPECIALTIES
FOR PETS

Holliday®

THE PET HEALTH COMPANY

We are Holliday Scott

For over 60 years, ***Holliday Scott*** *has been committed to developing, manufacturing and marketing veterinary medicinal products for small animals. After many years of exhaustive and successful work, Holliday has become a leading company of the pharmacological sector in the Americas and Europe.*

We can proudly say that our flag transcends borders around the world.

A solution for every need

Holliday has a constantly growing portfolio consisting of more than seventy products. Our mission is to provide practical and efficient solutions for veterinary doctors working with minor species, and to pass on to pet owners the peace of mind and support of a brand that has written an unimpeachable story over half a century.

Every day we reaffirm the commitment we assumed the first day, by focusing on proposing and providing solutions that meet the highest quality, safety and reliability standards, which distinguish us around the world.

We want all the members of the veterinary community that choose us day after day to know that in ***Holliday Scott*** *we are here to serve them.*

INDEX

PRODUCT	ACTION
Acedan	*Anesthesic / Analeptic / Tranquilizer*
Acedan Drops	*Anesthesic / Analeptic / Tranquilizer*
Aedk Vitamins Birds	*Bird Mediction*
Anavimin Coat	*Dermatological / Biomodulator*
Apetil	*Revitalizer*
Atriben	*Anti-inflammatory / Analgesic*
Bioclin Antiplaque Gel	*Odontological*
Bioclin Mouthwash	*Odontological*
Butormin	*Anti-inflammatory / Analgesic*
Cardial	*Cardiological*
Cardial B 2,5 / 5 / 10	*Cardiological*
Cefalexina 500	*Antibiotic*
Cloralen	*Bird Mediction*
Clorexhidina Ear Drops	*Otological*
Clorexhidina Spray	*Antiseptic Disinfectant*
Colirama Oftalday	*Ophtalmological*
Cyclosporina 1% Oftalday	*Ophtalmological*
Dermoxil	*Dermatological*
Diurene 40	*Urinary System And Diuretics*
Dozilam	*Anesthesic / Analeptic / Tranquilizer*
Ecthol 5	*External Antiparasitic*
Ecthol AP	*External Antiparasitic*
Ecthol Collar for Cats	*External Antiparasitic*
Ecthol Collar for Dogs	*External Antiparasitic*
Ecthol Gmp Cats	*External Antiparasitic*
Ecthol Gmp Dogs	*External Antiparasitic*
Endectocid	*Internal Antiparasitic*
Enzimax	*Gastroenterological / Biomodulator*
Floxaday 5%	*Antibiotic*
Floxaday	*Antibiotic*
Flurbiprofeno Oftalday	*Ophtalmological*
Griseofulvin	*Antimycotics*
IQ 180	*Geriatrical / Biomodulator*

PRODUCT	ACTION
Ivermectin	*Internal Antiparasitic*
Ketamid	*Anesthesic / Analeptic / Tranquilizer*
Ketamina 50	*Anesthesic / Analeptic / Tranquilizer*
Medroxiprogesterona	*Reproductive System*
Neovita	*Oncology Medication / Biomodulator*
Nomat	*Health & Wellness / Biomodulator*
Ocular Epithelial Regenerator	*Ophtalmological*
Ofloxacina Oftalday	*Ophtalmological*
OHM	*Anesthesic / Analeptic / Tranquilizer / Biomodulator*
OHM Cats	*Anesthesic / Analeptic / Tranquilizer / Biomodulator*
OI Trans	*Osteoarticular / Biomodulator*
OI Trans Flex	*Osteoarticular / Biomodulator*
Oxytetracycline	*Antibiotic*
Pileran Drops	*Gastroenterological*
Pileran Injection	*Gastroenterological*
Pimocard 1,25 / 2,5 / 5/10	*Cardiological*
PotenPet	*Revitalizer / Biomodulator*
PotenPet Cats	*Revitalizer / Biomodulator*
Prednisolona 20 mg.	*Anti-inflammatory / Analgesic*
Proteliv Drops	*Gastroenterological*
Proteliv Cats	*Gastroenterological / Biomodulator*
Proteliv Tablets	*Gastroenterological / Biomodulator*
Relay C	*Reproductive System*
Solubron 20	*Respiratory System*
Toracard	*Urinary System And Diuretics*
Tonipet	*Cardiological / Biomodulator*
Total Full CG Dogs & Cats	*Internal Antiparasitic*
Total Full LC Cats	*Internal Antiparasitic*
Total Full LC Dogs	*Internal Antiparasitic*
Total Full Suspension Cats	*Internal Antiparasitic*
Total Full Suspension Dogs	*Internal Antiparasitic*
Viviram-V	*Anesthesic / Analeptic / Tranquilizer*

DOGS
CATS
HORSES

INJECTABLE ADMINISTRATION

ACEDAN

PHARMACEUTICAL FORM
50 ml. vial

DESCRIPTION
Neuroleptic tranquilizer injection.

ACTION
It produces a state of passivity and calmness. It reduces nervous excitability without causing bluntness. It generates indifference to the environment, with decreased motor activity. ***Secondary actions:*** Blood pressure reduction by peripheral alpha receptor blockade. Antiemetic action. Antihistamine action.

INDICATIONS
It facilitates animal handling in clinical-surgical and diagnostic maneuvers. Pre-anesthetic medication. Blood pressure reduction. Urethral relaxation.

FORMULA
100 ml. of the solution contains:
Acepromazine maleate 1 g. / Excipients q.s.

DOSAGE & ADMINISTRATION
Dogs and cats: 0.1 mg/kg SC, IM or IV (slow) equivalent to 0.1 ml. every 10 kg. ***WARNING:*** do not exceed a total of 3 mg. by IM or IV route in dogs and a total of 1 mg. in cats. ***Horses:*** 1.5 ml. every 400 kg. by IV, IM or SC.

CONTRAINDICATIONS
Patients with hypersensitivity to acepromazine. Dehydrated or hypovolemic patients. Hypertrophic cardiomyopathies due to peripheral vasodilation. Animals with tetanus, organophosphate or strychnine poisoning. Convulsive disorders. Myelograms.

SIDE EFFECTS
Peripheral vasodilation and, consequently, arterial hypotension. Bradycardia. Prolapsed nictitating membrane gland. In some animals, it can cause generalized CNS stimulation (paradoxical reaction). In horses, adult breeding stallions can show prolapsed penis.

RESTRICTIONS OF USE
Its administration to females with advanced pregnancy is not advisable. Puppies and kittens younger than 2 months.

PRECAUTIONS
Use with caution by administering the lowest dose in animals that are younger than 6 months, geriatric, weak, or with heart, liver or kidney failure. Reduce the dose by 50% in sensitive breeds such as boxer, brachycephalic, giant and greyhound breeds. In case of acute hypotension, treat the animal with fluid therapy until stabilization.

DOGS
CATS

ORAL ADMINISTRATION

ACEDAN
DROPS

PHARMACEUTICAL FORM
10 ml. dropper bottle

DESCRIPTION
Oral neuroleptic tranquilizer in drops.

ACTION
It produces a state of passivity and calmness. It reduces nervous excitability without causing bluntness. It generates indifference to the environment, with decreased motor activity. ***Secondary actions:*** Blood pressure reduction by peripheral alpha receptor blockade. Antiemetic action. Antihistamine action.

INDICATIONS
It facilitates animal handling in clinical-surgical and diagnostic maneuvers. Pre-anesthetic medication. Blood pressure reduction. Urethral relaxation.

FORMULA
100 ml. of the solution contains:
Acepromazine maleate 1 g./ Excipients q.s.

DOSAGE & ADMINISTRATION
Dogs and cats: 1 to 3 drops per kilogram. In sensitive animals, start with 1 drop every 2 kg of body weight. Wait for 45 minutes to increase the dose (it is the longest time until the effect).

CONTRAINDICATIONS
Patients with hypersensitivity to acepromazine. Dehydrated and hypovolemic patients. Hypertrophic cardiomyopathies due to peripheral vasodilation. Animals with tetanus, organophosphate or strychnine poisoning. Convulsive disorders. Myelograms.

SIDE EFFECTS
Peripheral vasodilation and, consequently, arterial hypotension. Bradycardia. Prolapsed nictitating membrane gland. In some animals, it can cause generalized CNS stimulation (paradoxical reaction).

RESTRICTIONS OF USE
Its administration to females with advanced pregnancy is not advisable. Puppies and kittens younger than 2 months.

PRECAUTIONS
Use with caution by administering the lowest dose in animals that are younger than 6 months, geriatric, weak, or with heart, liver or kidney failure. Reduce the dose by 50% in sensitive breeds such as boxer, brachycephalic, giant and greyhound breeds. In case of acute hypotension, treat the animal with fluid therapy until stabilization.

DOGS
CATS

INJECTABLE ADMINISTRATION

DOZILAM

PHARMACEUTICAL FORM
10 ml ampule

DESCRIPTION
Benzodiazepine minor tranquilizer in Midazolam aqueous solution for injection.

ACTION
Tranquilizer. Muscle relaxer. Anticonvulsant. Benzodiazepines facilitate the inhibitory effects of gamma-aminobutyric acid [GABA] on CNS neurons.

INDICATIONS
Preanesthetic medicine. During the different stages of anesthesia for chemical restraint or combined with ketamine to prevent extrapyramidal side effects. To facilitate animal handling for diagnostic and therapeutic maneuvers. Anticonvulsant.

FORMULA
100 ml of solution contains:
Midazolam base [Hydrochloride] 0.5 mg / Excipients q.s.

DOSAGE & ADMINISTRATION
Dogs: 0.2 to 0.6 mg/kg IV or IM.
Cats: 0.2 mg/kg IV or IM.

CONTRAINDICATIONS
Animals with severe liver disease.

SIDE EFFECTS
Rapid IV administration or overdose can result in bradypnea or short-duration apnea.

RESTRICTIONS OF USE
Pregnant and nursing mothers.

PRECAUTIONS
Use with caution in animals with heart failure.

DOGS
CATS

INJECTABLE ADMINISTRATION

KETAMID

PHARMACEUTICAL FORM
50 ml ampule

DESCRIPTION
Anesthetic and tranquilizer injection.

ACTION
Anesthetic. Tranquilizer. Muscle relaxer. Ketamine is a dissociative anesthetic that depresses the thalamus-cortex and stimulates the limbic zone, producing a cataleptic state with muscle hypertonia and somatic analgesia. Midazolam exerts muscle-relaxing effects to increase comfort levels during the post-operative period.

INDICATIONS
Premedication and induction of balancedanesthesia. Chemical restraint for diagnostic testing.

FORMULA
Each 100 ml of solution contains:
Ketamine base (as hydrochloride) 5 g
Midazolam base [as hydrochloride] 0.2 mg / Excipients q.s.

DOSAGE AND ADMINISTRATION
Dogs and Cats: Ketamine 5 mg / kg - Midazolam 0.2 mg / kg, Slow IV or IM administration [equivalent to 1mL of sterile injectable solutionper 10kg of live weight].

CONTRAINDICATIONS
Severe liver disease. Renal failure.
Decompensated heart failure.

SIDE EFFECTS
Ketamine increases salivary secretions.
Rapid intravenous infusion or an overdose can cause respiratory depression.

RESTRICTIONS OF USE
A single administration is enough for premedication purposes and to induce anesthesia.

CAUTION
The addition of Midazolam eliminates some of the side effects of ketamine. Use with caution in: Animals with seizures. Head trauma. Glaucoma. Hypertension. Hyperthyroidism.

DOGS
CATS
HORSES

INJECTABLE ADMINISTRATION

KETAMINA 50

PHARMACEUTICAL FORM
50 ml. vial

DESCRIPTION
Dissociative anesthetic injection.

ACTION
Anesthetic. Ketamine is a dissociative anesthetic that depresses the thalamus-cortex and stimulates the limbic zone, producing a cataleptic state with muscle hypertonia and somatic analgesia, while maintaining the corneal, pharyngeal, laryngeal and swallowing reflexes.

INDICATIONS
Premedication, induction and maintenance of anesthesia. Of choice in C-sections.

FORMULA
100 ml. of the solution contains:
Ketamine base (as hydrochloride) 5 g / Excipients q.s.

DOSAGE & ADMINISTRATION
Dogs and cats: IV: 7 to 10 mg / Kg. IM: 15 to 25 mg / Kg.
Horses: IV: 3 to 5 mg / Kg. IM:15 mg / Kg. The combination with other anesthetic drugs can reduce the ketamine dose by up to 50%.

CONTRAINDICATIONS
Do not use in animals with seizures; head trauma with increased intracranial pressure; glaucoma; decompensated heart failure; hypertension; renal failure (especially in cats) and severe liver failure (especially in dogs).

SIDE EFFECTS
Sialorrhea, emesis, vocalization, erratic and prolonged recovery, spasmodic movements, seizures, muscle tremors, hypertonicity, opisthotonos, dyspnea and arterial hypertension may occur. In cases of overdosage or very rapid intravenous injections, respiratory depression may occur.

PRECAUTIONS
Ketamine causes sialorrhea, so the use of atropine sulphate 1% is recommended. Repeating Ketamine for anesthesia maintenance prolongs the recovery proportionally to the number of administrations.

DOGS
CATS

ORAL ADMINISTRATION

OHM

PHARMACEUTICAL FORM
Each package contains 3 blisters of 7 tablets each

DESCRIPTION
Diet supplement with anxiety modulating effect for oral administration in palatable tablets.

ACTION
Anxiety modulator. Tryptophan induces an increase in serotonin levels at brain level, which reduces aggressiveness and impulsivity, among other things. It also causes a reduction in cortisol levels. Valerian has sedative, spasmolytic and myorelaxant action. It extends the GABA neurotransmitter action.

INDICATIONS
Travel. Noisy environments. Handling unmanageable animals in the consulting room. Post-operatory periods. Separation anxiety. Change of home. Arrival of new home residents. Life-style changes. Stays in boarding kennels. It sooths animals in whom the use of sedative drugs is contraindicated.

FORMULA
Each 1500 mg tablet contains:
Tryptophan 200 mg. / Valerian extract 100 mg. / Excipients q.s.

DOSAGE & ADMINISTRATION
Cats or dogs weighing 5 kg or less: ½ tablet
Dogs 5 to 10 kg: 1 tablet
Dogs over 10 kg: 2 tablets. In case of animals resisting to take medication by oral route, tablets can be crushed to powder and mixed with food. Once a day.****For specific events:*** Start administering the drug at least 2 to 5 days before the planned event or change of environment. Some animals may require a previous administration (6-10 days). ****As behavioral modulator:*** Administer daily. In some cases, implement an attack therapy in the first week administering it every 12 h and then space it out to 24 h for at least 1 month to assess the results. Associate it with a behavior modification program.

CONTRAINDICATIONS
Do not administer in animals younger than 8 weeks or animals with hypersensitivity to any of the ingredients.

SIDE EFFECTS
It may cause mild drowsiness in some cases.

RESTRICTIONS OF USE
If possible, avoid it use in pregnant or lactating animals.

CATS

ORAL ADMINISTRATION

OHM
CATS

PHARMACEUTICAL FORM
1 dosing syringe containing 7 g.

DESCRIPTION
Anxiety-modulating biomodulator in palatable paste.

ACTION
It naturally controls anxiety in cats of all ages. ***Tryptophan:*** Among other things, it reduces aggressiveness and impulsivity by inducing an increase in serotonin levels in the brain. It reduces the high cortisol levels generated by stressful situations. ***Valerian:*** it has sedative, spasmolytic and myorelaxant action. It increases the action time of the GABA neurotransmitter, which functions as a natural relaxant. ***Theanine:*** It favors the production of dopamine, GABA and tryptophan, and it helps improve the neurotransmitter balance. It has soothing and relaxing effects. It reduces episodes of stress, anxiety, hyperactivity and irritability and improves learning capacity.

INDICATIONS
Noisy environments. Trips. Changes of home. Stays in boarding kennels. Arrival of new home residents (animals or humans). Visit to the vet. Postoperatory periods. Anxiety. Socialization.

FORMULA
1 g. of palatable paste contains:
Tryptophan 100 mg. / Valerian root extract 50 mg./ Theanine 7.5 mg. / Excipients q.s. / Flavored with cod liver oil, a source of Omega 3.

DOSAGE & ADMINISTRATION
1 ml./g. a day per animal.

CONTRAINDICATIONS
Do not administer to animals younger than 8 weeks or animals with hypersensitivity to any of the components.

DOGS
CATS
HORSES

INJECTABLE ADMINISTRATION

VIVIRAM-V

PHARMACEUTICAL FORM
Bottle per 10 ml. vial

DESCRIPTION
Solution for injection: doxapram-based respiratory stimulant (analeptic).

ACTION
Analeptic. Cardiac and pulmonary stimulant through carotid chemoreceptors. The respiratory center at CNS level is stimulated with higher doses.

INDICATIONS
In animals with ventilatory depression due to barbiturates, buprenorphine, xylazine and inhaled agents. It accelerates post-anesthesia recovery. It stimulates start of breathing in depressed newborns. To measure circulation time in horses.

FORMULA
100 ml. of solution contains:
Doxapram hydrochloride 2 g. / Excipients q.s.

DOSAGE & ADMINISTRATION
Horses: 0.5 mg/kg. (equivalent to 2.5 ml. every 100 kg. of weight) IV. This dose can be repeated after 15-20 min. ***Dogs-Cats:*** Depression due to inhalation anesthesia: 1 mg. /kg. IV; due to barbiturates, xylazine and buprenorphine: 5 to 10 mg./kg. IV. ***Newborns:*** 1 o 2 drops of the solution by sublingual route.

CONTRAINDICATIONS
Do not administer to animals with seizure-causing illnesses, heart failure or pneumothorax. Do not administer to pregnant females.

SIDE EFFECTS
Doxapram causes an uninterrupted increase in heart rate during the first minute after administration, as well as abnormalities in the magnitude and polarity of the T wave visible in the ECG. Both effects are transitory and are not enhanced by a second administration of the product.

RESTRICTIONS OF USE
Do not use in pregnant females.

PRECAUTIONS
Use with caution in patients with a history of respiratory diseases, arrhythmias or tachycardia. Do not administer more than 2 times with a 15-20 minute interval. It is essential for administration that the animal's airways are not obstructed.

DOGS
CATS

ORAL ADMINISTRATION

CEFALEXINA
500

PHARMACEUTICAL FORM
Each package contains 5 or 30 blisters with 10 tablets each.

DESCRIPTION
Broad-spectrum oral cephalosporin-based antibiotic.

ACTION
Bactericide. It inhibits the synthesis and repair of the bacterial cell wall. Within the bacterial cytoplasmic membrane, cephalexin binds the enzymes in charge of the cell wall synthesis, resulting in the bacterial death or inhibition.

INDICATIONS
For the treatment of skin, soft tissue, osteoarticular, respiratory and urogenital infections produced by microorganisms sensitive to cephalexin.

FORMULA
Each tablet contains:
Cephalexin monohydrate 500 mg / Excipients q.s.

DOSAGE & ADMINISTRATION
Administer 20-30 mg / kg, equivalent to 1 tablet / 20 kg, every 8-12 hours for 7-10 days. In cases of superficial pyoderma, continue treatment for 7-10 days after remission of the dermatitis. In cases of deep pyoderma, continue treatment for 14-21 days after remission of the dermatitis.

CONTRAINDICATIONS
Do not administer in animals with known hypersensitivity to β-lactam antibiotics.

SIDE EFFECTS
It may occasionally cause nausea, diarrhea and abdominal discomfort. It may rarely cause vomiting.

PRECAUTIONS
Use with caution in cases of renal failure.

DOGS

ORAL ADMINISTRATION

FLOXADAY

PHARMACEUTICAL FORM
Each package contains 1 blister with 10 tablets.

DESCRIPTION
Broad-spectrum oral fluoroquinolone-based antibiotic.

ACTION
Potent antibiotic activity. It shows superior activity against gram-negative, gram-positive, anaerobic and intracellular microorganisms (E. Coli and other enterobacteria, Pseudomona aeruginosa, Pasteurella spp., Bordetella bronchiseptica, Staphylococcus spp., Mycoplasma, Chlamydia / Chlamydophila spp). It interferes in the bacterial DNA synthesis, inhibiting two important enzymes: Topoisomerase II (DNA gyrase): responsible for the relaxation of supercoiled DNA during transcription. Topoisomerase IV: it intervenes in the separation of chromosomal DNA during cell division.

INDICATIONS
It is especially developed to attack infections of: Skin (pyoderma). Soft tissues. Upper and lower airways. Urinary tract. Mammary glands. Bone (osteomyelitis). Prostate. Septicemia.

FORMULA
Each tablet contains:
Levofloxacin 100 mg / 200 mg / 400 mg according to package supplied / Excipients q.s.

DOSAGE & ADMINISTRATION
Dogs: 10 mg of levofloxacin per kg of body weight, equivalent to one tablet every 10, 20 or 40 kg of body weight depending on the package supplied, by oral route every 24 hs. The peak concentration is reached 1 hour post-administration. Its bioavailability is 60- 70%. Treatment duration will vary based on the disease and the physician's indication.

CONTRAINDICATIONS
Contraindicated in animals with hypersensitivity to fluoroquinolones. Do not administer in pregnant or lactating bitches.

RESTRICTIONS OF USE
Growing animals. Renal failure.

DOGS

INJECTABLE ADMINISTRATION

FLOXADAY 5%

PHARMACEUTICAL FORM
50 ml. vial

DESCRIPTION
Broad-spectrum fluoroquinolone-based antibiotic for injection.

ACTION
Potent antibiotic activity. It shows superior activity on gram-negative, gram-positive, anaerobic and intracellular microorganisms (E. Coli and other enterobacteria, Pseudomona aeruginosa, Pasteurella spp., Bordetella bronchiseptica, Staphylococcus spp., Mycoplasma, Chlamydia/Chlamydophila spp). It interferes in the bacterial DNA synthesis, inhibiting two important enzymes: Topoisomerase II (DNA gyrase): responsible for the relaxation of supercoiled DNA during transcription. Topoisomerase IV: it intervenes in the separation of chromosomal DNA during cell division.

INDICATIONS
It is especially developed to attack infections of: Skin (pyoderma). Soft tissues. Upper and lower airways. Urinary tract. Mammary glands. Bone (osteomyelitis). Prostate. Septicemia.

FORMULA
100 ml. of solution contains:
Levofloxacin 5 g. / Excipients q.s.

DOSAGE & ADMINISTRATION
Dogs: 7.5 mg. of levofloxacin per kg. of body weight, equivalent to 1.5 ml. every 10 kg. of body weight every 24 hours. The peak concentration is reached 2 hours post-administration. Bioavailability of 90% and wide tissue distribution due to its liposolubility. Treatment duration will depend on the disease and the physician's indication.

CONTRAINDICATIONS
Contraindicated in animals with hypersensitivity to fluoroquinolones. Do not administer in pregnant or lactating bitches.

RESTRICTIONS OF USE
Growing animals. Renal failure.

BIRDS

ORAL ADMINISTRATION

OXYTETRACYCLINE
SOLUBLE POWDER

PHARMACEUTICAL FORM
20 g packages.

DESCRIPTION
Vitamin-fortified broad spectrum antibiotic powder.

ACTION
Broad-spectrum antibiotic; bacteriostatic agent associated with liposoluble vitamins. Its mechanism of action inhibits protein synthesis by binding to 30 S ribosomal subunits. Broadspectrum: Gram-positive and negative bacteria.

INDICATIONS
Infections caused by tetracycline-sensitive organisms.

FORMULA
100 mL of solution contain:
Oxytetracycline hydrochloride 5.5 g / Vitamin A 250000 UI / Vitamin D3 50000 UI / Vitamin E 100 UI / Excipients q.s.

DOSAGE AND ADMINISTRATION
Administer in drinking water according as per product's package insert.

CONTRAINDICATIONS
Patients with hypersensitivity to tetracyclines.
During gestation.

SIDE EFFECTS
It may cause tooth discoloration in young animals.
High doses for long periods may delay growth.

RESTRICTIONS OF USE
Stop the treatment during lactation.
In poultry (chickens),a 21-day window period is to be observed between last administration and slaughter.

ANTIMYCOTICS

DOGS
CATS

ORAL ADMINISTRATION

GRISEOFULVIN

PHARMACEUTICAL FORM

Package with 2 blisters with 10 tablets each.

DESCRIPTION

Micronized griseofulvin fungistatic for oral administration in cats and dogs.

ACTION

Antimycotic. Fungistatic. Afteroral administration, Griseofulvin is absorbed from the gastrointestinal tract, selectively depositing on the newly formed keratin of the skin, hair, and nails, and subsequently moving from these deeper layers to superficial keratin layers. The concentration of Griseofulvin in new epidermal cells exhibits antifungal activity against dermatophytes.

INDICATIONS

Tinea. Dermatomycosis caused by Microsporumcanis, Microsporumgypseum and Trichophyton mentagrophytes.

FORMULA

Each tablet contains:
Micronized griseofulvin 250 mg/500 mg / Excipients q.s. as per dosage form.

DOSAGE AND ADMINISTRATION

Administer 20-50 mg/kg divided into 2 daily intakes at least for 46 weeks, except in cases of "onychomycosis", which require a 6-12 month treatment.

CONTRAINDICATIONS

Do not administer to pregnant females.

SIDE EFFECTS

Gastrointestinal disorders: nausea, vomiting, diarrhea, flatulence, polydipsia (more frequent in cats). These effects disappear rapidly when the medication is stopped.

RESTRICTIONS OF USE

Liver disease.

ANTI-INFLAMMATORY | ANALGESIC

DOGS
CATS

INJECTABLE ADMINISTRATION

ATRIBEN

PHARMACEUTICAL FORM

20 mL. vial

DESCRIPTION

Depot glucocorticoid suspension for injection.

ACTION

Steroidal anti-inflammatory drug. Triamcinolone is a synthetic fluorinated glucocorticoid 5 times stronger than cortisol, without mineralocorticoid effect (sodium retention), and with prolonged action due to the accompanying salt. Antipruritic. Antiallergic. Immunosuppression.

INDICATIONS

Inflammatory processes: traumatic arthritis, tenosynovitis, myositis, etc. Allergic dermatitis. Nonspecific pruritus. Neoplasms. Autoimmune diseases.

FORMULA

100 ml. of the suspension contains:
Triamcinolone acetonide 0.6 g. / Excipients q.s.

DOSAGE & ADMINISTRATION

Dogs and cats: as depot corticosteroid: 0.1 to 0.2 mg / kg SC or IM (1 ml. every 30-60 kg) every 15 days. Intra-articular: 1 mg e/ 1 cm lesion every 15 days.

CONTRAINDICATIONS

Viral and fungal infectious diseases.Demodectic mange.Gastritis and gastrointestinal ulcers. Ulcerative colitis. Pancreatitis. Renal failure. Amyloidosis. Diabetes mellitus. Osteoporosis. Chronic erosive arthritis. Intra-articular infection or fracture (intraart. route). Corneal ulcer. Hyperadrenocorticism. Uncontrolled viral or bacterial infection. Tuberculosis. Pregnancy (last trimester).

SIDE EFFECTS

It can generate increased gluconeogenesis, protein catabolism and lipolysis. It can cause hepatomegaly and hyperglycemia with polyuria / polydipsia / polyphagia. FAS induction in canines. Suppression of the immune and inflammatory system. Behavior changes.

RESTRICTIONS OF USE

Last trimester of pregnancy. Immunosuppressed animals. Hyperadrenocorticism.

ANTI-INFLAMMATORY | ANALGESIC

DOGS
CATS

INJECTABLE ADMINISTRATION

BUTORMIN

PHARMACEUTICAL FORM

10 mL ampule

DESCRIPTION

Butorphanol-based analgesic for injection.

ACTION

Analgesic, agonist-antagonist synthetic opioid more potent than morphine with minimum cardiovascular side effects. Kappa-agonist: The activation of Kappa receptors induces spinal analgesia and sedation with less respiratory depression and myosis. Mu antagonist: The stimulation of MU receptors induces supra-spinal analgesia, respiratory depression and myosis, physical dependence and euphoria.

INDICATIONS

Pre-, intra- and postoperative analgesia. It can be administered along with premedication. To enhance the sedative effects of tranquilizers: Midazolam - Diazepam – Acepromazine.In combination with Acepromazine, it improves sedation, particularly in medium and large dog breeds. It can be combined with Ketamine during anesthesia.

FORMULA

100 ml contain:
Butorphanol tartrate 1.02 g / Excipients q.s.

DOSAGE AND ADMINISTRATION

Dogs: Preanesthetic 0.1 a 0.2 mg/kg. Analgesia: 0.2 to 0.4 mg/kg (intravenous, intramuscular or subcutaneous administration).

Cats: Pre-anesthesia 0.1 - 0.2 mg/kg, intramuscular administration. Analgesia: 0.1 - 0.2 mg/kg, intravenous or intramuscular administration or 0.4 mg/kg for subcutaneous administration. With intramuscular administration it reaches analgesia after 30 minutes witha peak effect 1 hour after administration. Intravenous administration delivers an immediate effect. Slow administration by this route is advised. It does not cause respiratory depression.

SIDE EFFECTS

It may cause ataxia and anorexia. In rare occasions, it causes diarrhea or decreased intestinal mobility. In cats, butorphanol may cause excitement and dilated pupils (rarely).

CONTRAINDICATIONS

It should not be used in patients with severe liver disease, serious renal failure, heart failure or obstructive respiratory diseases. Do not use in pregnant females since there are no studies on its effects on this group.

RESTRICTIONS OF USE

Animals with hypothyroidism, serious renal failure, and geriatric animals.

DOGS
CATS

ORAL ADMINISTRATION

PREDNISOLONA
20 MG.

PHARMACEUTICAL FORM

Each package contains 10 or 30 blisters with 10 tablets each.

DESCRIPTION

Synthetic glucocorticoid tablets.

ACTION

Synthetic non-fluorinated glucocorticoid 4 times stronger than cortisol, but with an almost non-existing mineralocorticoid effect. Anti-inflammatory. Antipruritic. Antiallergic. Immunosuppressant.

INDICATIONS

Inflammatory and allergic processes (pruritus) for which the use of Glucocorticoids is indicated. Autoimmune diseases. As coadjuvant in antineoplastic therapy. Replacement therapy.

FORMULA

Each tablet contains:
Prednisolone 20 mg. / Excipients q.s.

DOSAGE & ADMINISTRATION

Dogs and cats: Replacement therapy: 0.25 mg/kg/day. In stressful conditions, increase the dose 2-5 times. Autoimmune diseases and as coadjuvant in antineoplastic therapy: 2-4 mg/kg/day.
In inflammatory processes: 0.5-1 mg /kg /day. For prolonged treatments, the therapy should be administered in alternate days. This scheme avoids the hypothalamic-pituitary-adrenal axis suppression, allowing for its recovery on the days when the prednisolone is not administered. ***Suggested treatment scheme:***
1. Induction dose 0.5-1 mg /kg / 12 h for 5-7 days.
2. Continue with 1-2 mg / kg once a day every 48 h for 7 days.
3. Continue with the same administration regimen (every 48 h) but lower the dose by 50% for 7 days.
4. Reduce the amount of Prednisolone on a weekly basis (but always on alternate days) up to a minimum maintenance dose that provides the desired therapeutic effect.
5. The drug administration should not be interrupted abruptly but gradually.

CONTRAINDICATIONS

Bacterial, viral, and fungal infectious diseases. Demodectic mange. Gastrointestinal ulcers. Ulcerative colitis. Pancreatitis. Renal failure. Amyloidosis. Diabetes mellitus. Osteoporosis. Chronic erosive arthritis. Pregnancy.

SIDE EFFECTS: Polyuria. Polydipsia. Polyphagia. Euphoria.

RESTRICTIONS OF USE: Pregnancy & lactation.

PRECAUTIONS

An indiscriminate, long-term, high-dose therapy results in Cushing syndrome (iatrogenic hyperadrenocorticism) concomitant with a secondary adrenal insufficiency. A sudden interruption in the administration of glucocorticoids can cause Addison syndrome (hypoadrenocorticism) secondary to underfunctioning of the hypothalamic-pituitary-adrenal axis.

ANTISEPTIC DISINFECTANT

DOGS
CATS

TOPICAL/SURFACE & INSTRUMENTAL ADMINISTRATION

CLORHEXIDINA
SPRAY

PHARMACEUTICAL FORM
100 mL. and 1 liter containers

DESCRIPTION
Ready-to-use non-irritating antiseptic solution.

ACTION
Disinfectant bactericide-fungicide antiseptic characterized by: it does not inactivate in the presence of organic matter/ residual power for up to 48 h (it persists longer in the stratum corneum) / broad spectrum / Gram +, Gram-, enveloped viruses (herpes virus), funguses and spores, mycobacteria (bacteriostatic) / rapid action by contact. Mechanism of action: It causes a rupture of the plasmatic membrane due to an osmotic abnormality in it and by enzyme inhibition. At elevated concentrations, it precipitates proteins and microbial nucleic acids.

INDICATIONS
Treatment of wounds and burns. / Antisepsis of surgical drapes. / Disinfection of surfaces and surgical instruments./ Surgical hand scrub / Lubrication of bladder catheters./Insertion and maintenance of catheters.

FORMULA
100 mL. of solution contains:
Chlorhexidine Digluconate 0.5 g / Excipients q.s.

DOSAGE & ADMINISTRATION
Dogs and cats: administer once a day on the animal for as long as indicated by the veterinarian.

CONTRAINDICATIONS
Hypersensitivity.

PRECAUTIONS
Avoid contact with eyes. Protect from light.

BIOMODULATORS

Holliday Biomodulators are drugs of natural origin. Their goal is to help in the prevention of diseases as well as to maintain and improve the body's vital biological functions. They delay the onset of signs and/or diseases linked to predisposing factors. They help prevent physiological or pathological imbalances due to age, race and gender. These products may be used as a stand-alone treatment or in association with other drugs. They have a wide margin of safety; neither toxicity nor contraindications are observed.

Please find and become familiar with our broad line of Biomodulators in the categories of origin for each product in this vademecum.

- **Anavimin Coat** *Dermatological*
- **Enzimax** *Gastroenterological*
- **IQ 180** *Geriatrical*
- **Neovita** *Oncology Medication*
- **Nomat** *Health & Wellness*
- **OHM Tablets / OHM Cats** *Anesthetic / Analeptic / Tranquilizer*
- **Ol Trans / Ol Trans Flex** *Osteoarticular*
- **PotenPet tablets / PotenPet Cats** *Revitalizing*
- **Proteliv tablets / Proteliv paste** *Gastroenterological*
- **Tonipet** *Cardiological*

BIRD MEDICATION

BIRDS

ORAL ADMINISTRATION

CLORALEN

PHARMACEUTICAL FORM
5 mL dropper bottle.

DESCRIPTION
Oral broad-spectrum vitamin-enriched bacteriostatic antibiotic for birds.

ACTION
Antimicrobial and vitamin supplement. Chloramphenicol inhibits microbial protein synthesis by binding to the 50 S subunit of bacteria ribosomes. Bacteriostatic. Vitamin B1 is essential for the metabolism of nervous system cells and reduces stress levels. Vitamin B2 promotes growth and takes part in hormone synthesis. Vitamin B6 is involved in the synthesis of red blood cells and helps keep the nervous system and immune system healthy. Nicotinamide is essential for cell metabolism. Calcium pantothenate reduces stress levels and promotes cell growth. Calcium plays a key role in bone mineralization.

INDICATIONS
Use to teat infections caused by gram-positive and gram-negative bacteria, Chlamydia and Rickettsia and to improve overall health.

FORMULA
100 mL of solution contain:
Chloramphenicol (as palmitate) 3g / Vitamin B1 150mg / Vitamin B2 2mg / Vitamin B6 100mg / Nicotinamide 150 mg / Calcium pantothenate 20 mg / Excipients q.s.

DOSAGE AND ADMINISTRATION
Dose:
Canaries: 1 drop on the beak every 12 h. Touch gently the sides of the beak withthe dropper to stimulate beak-opening reflex. Administer slowly.

CONTRAINDICATIONS
Hypersensitivity to active ingredient.

SIDE EFFECTS
It may cause bone marrow aplasia by blocking mitochondrial protein synthesis of bone marrow cells.

CAUTION
Do not use for prevention purposes. Avoid extending treatment for more than 10-15 days.

BIRDS

ORAL ADMINISTRATION

AEDK VITAMINS BIRDS

PHARMACEUTICAL FORM
5 mL dropper bottle.

DESCRIPTION
Multiple vitamin solution for oral administration.

ACTION
Restorative agent. Vitamin A is essential for maintaining the health of epithelial tissues. Vitamin E: Antioxidant. Recommended in cases of liver failure, birds with malnutrition, GI disorders, muscle abnormalities, depressed immunity, fertility problems. Vitamin D stimulates phosphorus and calcium balance. Indicated for growth disorders, malnutrition, young or old birds, reproductive females or animals with inadequate exposure to sunlight. Vitamin K: Nutritional factor needed for blood clotting. Indicated in cases of coccidiosis/salmonella due to the risk of bleeding.

INDICATIONS
Vitamin A, E, D and K deficit. Parasitic anemia. Osteodystrophy. Anorexia. Infections and stress. Recessive white canaries incapable of transforming dietary vitamin A to permit assimilation.

FORMULA
100 mL of solution contain:
Vitamin A 2000000 UI / Vitamin D 400000 UI / Vitamin E 120mg / Vitamin K 100mg / Excipients q.s.

DOSAGE AND ADMINISTRATION
Dose:
Small birds: 1 drop
Medium birds: 2 or 3 drops
Large birds: 3 to 5 drops
Administer on the beak every 2 or 4 days, depending on clinical status.

CONTRAINDICATIONS
Hypersensitivity to active ingredients resulting in pruritus and feather plucking. Liver problems.

CAUTION
Wide safety margin. Toleration of up to several times the recommended dose, except for Vitamin D, which is tolerated in up to 4 times the recommended dose.

DOGS

ORAL ADMINISTRATION

CARDIAL

PHARMACEUTICAL FORM
Cases containing 3 blisters with 10 tablets each.

DESCRIPTION
Mixed vasodilator with cardioprotective properties based on enalapril and spironolactone. Tablets for dogs.

ACTION
Enalapril is an angiotensin converting enzyme inhibitor and mixed vasodilator associated with spironolactone for cardioprotection against the effects of aldosterone.

INDICATIONS
Heart failure in dogs due to valve insufficiency or dilated cardiomyopathy.

FORMULA
Each tablet contains:
Enalapril 5 mg.
Spironolactone 5 mg.
Excipients q.s.

DOSAGE AND ADMINISTRATION
Enalapril 0.25 to 0.50 mg every 12 or 24 hours for life (equivalent to 1 tablet per 20 or 10 kg, respectively).

CONTRAINDICATIONS
Serious renal failure and systemic arterial hypotension.
It should not be used in association with potassium sparing diuretics due to the risk of causing hyperkalemia. Pregnant and lactating females.

SIDE EFFECTS
Anorexia, vomiting, drowsiness, lethargy, lack of coordination, hypotension, azotemia. Reversible prostatic atrophy is frequently seen in entire (non-neutered) males.

CAUTION
Monitor renal function before and during treatment. Spironolactone increases the half-life of digoxin its serum levels. Do not administer concomitantly with NSAIDs due to the risk of liver damage, especially in senior animals. Antacids reduce the bioavailability of enalapril.

RESTRICTIONS OF USE
Spironolactone has an antiandrogenic effect and, therefore, is not recommended in growing dogs.

DOGS

ORAL ADMINISTRATION

CARDIAL B
2.5 /5 / 10

PHARMACEUTICAL FORM
Each package contains 2 blisters with 10 tables each.

DESCRIPTION
Mixed vasodilator and cardiac protector in tablets for oral administration.

ACTION
Benazepril, an angiotensin converting enzyme inhibitor and mixed vasodilator, associated with spironolactone as cardiac protector to the effects of aldosterone.

INDICATIONS
Heart failure in dogs due to valve insufficiency or dilated cardiomyopathy.

FORMULA
Each tablet contains:
Benazepril base (as hydrochloride) 2.5 mg, 5 mg, 10 mg depending on dosage form / Spironolactone 10 mg, 20 mg, 40 mg. depending on dosage form / Excipients q.s.

DOSAGE & ADMINISTRATION
1 tablet every 5 kg, 10 kg or 20 kg of body weight depending on the dosage form every 24 hours.

CONTRAINDICATIONS
Serious renal failure and systemic arterial hypotension. It should not be used in association with potassium sparing diuretics due to the risk of causing hyperkalemia. Pregnant and lactating bitches.

SIDE EFFECTS
Anorexia, vomiting, drowsiness, lethargy, lack of coordination, hypotension, azotemia. Reversible prostatic atrophy is frequently seen in non-neutered males.

RESTRICTIONS OF USE
Spironolactone has an antiandrogenic effect, so its administration is not recommended in growing dogs.

PRECAUTIONS
Monitor renal function before and during treatment.

DOGS

ORAL ADMINISTRATION

PIMOCARD
1.25 / 2.5 / 5 /10

DESCRIPTION
Positive inotrope and peripheral vasodilator in tablets for oral administration.

PHARMACEUTICAL FORM
Each package contains 2 or 10 blisters with 10 tables each

ACTION
It increases the cardiac contraction force based on two mechanisms: **1)** myocardial sensitization to the calcium effects **2)** inhibition of the phosphodiesterase-III enzyme. /It reduces vascular resistance generating vasodilation. Secondary actions: It prolongs the cardiac cell action potential and reduces the tendency to reentrant arrhythmias./It avoids platelet aggregation and prevents thrombus formation./It reduces catecholamines and, consequently, stress.

INDICATIONS
Congestive heart failure class C in dogs due to valve insufficiency or dilated cardiomyopathy.

FORMULA
Each tablet contains:
Pimobendan 1.25 mg, 2.5 mg and 5 mg depending on dosage form./ Excipients q.s.

DOSAGE & ADMINISTRATION
Dogs: 0.2 and 0.6 mg of pimobendan a day per kg of body weight distributed in two administrations of 0.25 mg/kg each (equivalent to 1 tablet every 5 kg, 10 kg or 20 kg every 12 hours depending on the dosage form). Its administration before meals is recommended.

CONTRAINDICATIONS
It should not be administered in cases of hypertrophic cardiomyopathies or clinical conditions where increasing the cardiac output is not possible due to functional or anatomical conditions (e.g.: aortic stenosis). Given than pimobendan is metabolized in the liver, it should not be used in dogs with severe liver failure. Do not use in case of hypersensitivity to the main ingredient or any of the excipients.

SIDE EFFECTS
Adverse gastrointestinal reactions, such as vomiting and diarrhea, have been rarely reported.

RESTRICTIONS OF USE
Its use during pregnancy and lactation is recommended only if the therapeutic benefit outweighs the potential risk. Using it in puppies is not advisable.

PRECAUTIONS
The product absorption is modified when it is administered with food. Therefore, optimal efficacy is obtained on an empty stomach so it must be administered one hour before meals. In diabetic animals, glucose levels should be strictly controlled.

DOGS
CATS

ORAL ADMINISTRATION

TONIPET

PHARMACEUTICAL FORM
Each package contains 3 blisters with 7 tablets each.

DESCRIPTION
Supplement to help maintain the cardiovascular health in palatable tablets for oral administration.

ACTION
Cardiovascular antioxidant. It prevents deficit conditions and protects the cardiac function./Taurine: Amino acid with positive inotropic effect. Vasodilator action, it normalizes calcium homeostasis./Mg gluconate: ATP production, activator of the sodium-potassium ATPase membrane, it cooperates in the maintenance of the normal intracellular potassium concentration and of the cellular ion balance. /Vitamin E: antioxidant. Vit B1, B2, B6 and B12: they help with energy production and with the activation of neurotransmitters, they intervene in enzymatic reactions./Coenzyme Q10: Antioxidant, it provides energy and reduces the risk of onset of cardiac and immunological lesions. It helps to stabilize the calcium-dependent ion channels in the myocardium and to prevent the consumption of metabolites essential for the synthesis of adenosine-5'-triphosphate (ATP).

INDICATIONS
Coadjuvant supplement for the treatment of heart diseases. Diet supplementation for animals prone to suffer from cardiovascular diseases. Indicated for deficit conditions and/or metabolic disorders affecting the cardiac function.

FORMULA
Each tablet contains:
Taurine 100 mg./ Mg Gluconate 30 mg./ Vit. E 25 mg./ Vit. B1 5 mg./ Vit. B6 20 mg./ Vit. B12 6 mg./ Vit. B2 5 mg./ Coenzyme Q10 30 mg./ Excipients q.s.

DOSAGE & ADMINISTRATION
Dogs and cats up to 5 kg: 1/2 tablet a day.
Dogs up to 10 kg: 1/2 tablet a day.
Dogs 10 to 30 kg: 1 tablet a day.
Dogs above 30 kg: 2 tablets a day. In case of animals resisting to take medication by oral route, tablets can be crushed to powder and mixed with food.

CONTRAINDICATIONS
Do not administer to animals with hypersensitivity to any of its components.

DERMATOLOGICAL

DOGS
CATS

ORAL ADMINISTRATION

ANAVIMIN COAT

PHARMACEUTICAL FORM

Each package contains 3 blisters with 7 tablets each.

DESCRIPTION

Supplement to help maintain skin and coat health in palatable tablets for oral administration.

ACTION

It maintains skin health. It enhances the beauty of the coat making it shinier and softer. Recovery of the skin structure and metabolism. It re-establishes the epidermal barrier, normalizing the production of sebum and improving wound healing. Vitamin A: keratinization, moistening, elasticity, sebum production, antioxidant. Vitamin C: Antioxidant, collagen synthesis and repair. Vitamin E: antioxidant, it improves vit A metabolism. Zinc: hair development, it stimulates the sebaceous glands. Cysteine: keratinization. Vit B2 and B5: ceramides. Biotin: hair growth. Proline: a component of collagen, together with the pantothenic acid, it forms the skin barrier (ceramides).

INDICATIONS

Hair loss and lack of shine due to seasonal changes, stress, deficit conditions, allergies. It can be used as a complement in the treatment of skin diseases.

FORMULA

Each tablet contains:
Vitamin A 5000 IU / Ascorbic acid 150 mg / L-cysteine 150 mg/ Proline 75 mg / Zinc Gluconate 30 mg / Vitamin E 25 mg / Calcium Pantothenate 15 mg / Vitamin B2 2 mg / Biotin 1 mg/ Excipients q.s.

DOSAGE & ADMINISTRATION

Dogs up to 10 kg: 1/2 tablet a day.
Dogs 10 to 30 kg: 1 tablet a day.
Dogs above 30 kg: 2 tablets a day.
Cats: 1/4 to 1/2 tab. a day. In case of animals resisting to take medication by oral route, tablets can be crushed to powder and mixed with food.

CONTRAINDICATIONS

Hypersensitivity to any of the components.

DOGS
CATS

LOCAL DERMAL ADMINISTRATION

DERMOXIL

PHARMACEUTICAL FORM

A 250 ml. container with air chamber for proper agitation. It includes a small motionless ball to facilitate the product homogenization.

DESCRIPTION

Shampoo with antiseptic and antiseborrheic action.

ACTION

Broad-spectrum bactericide antiseptic./It fights oily seborrhea through its sebostatic action on the sebaceous glands./It has follicular rubefacient effect and good ketarolytic activity. Benzoyl peroxide acts by washing the follicles, which is very useful in the treatment of comedogenic disorders and/or follicular keratosis. The cosmetic base that acts as a vehicle for the main ingredient (BPO) is unique due to its excellent qualities, including its non-steroidal antipruritic action. The mechanism of antibacterial action would be due to the release of toxic free radicals toxic to microorganisms. Generally, there is a reduction in the surface lipids and free fatty acids of the skin during the treatment. Hypoallergenic. Moistening. Emollient. Demulcent.

INDICATIONS

Pyoderma - Oily seborrheic processes - Folliculitis - Impetigo - Feline acne - As coadjuvant in demodicosis - Washing and antisepsis of surgical drapes, which is complemented with the Chlorhexidine spray solution.

FORMULA

100 ml. of solution contains:
Benzoyl Peroxide 2.5 g / Excipients q.s.

DOSAGE & ADMINISTRATION

Dogs and cats: wet the coat, preferably with warm water, and apply enough shampoo based on the animal's size and fur. Softly rub the skin for better contact with the product, letting the foam act for no less than ten minutes. Rinse thoroughly. Shake well before use. Bath frequency: every 1-2 days depending on the severity of the case; extend the interval as you notice favorable progress.

SIDE EFFECTS

None. If not properly rinsed, there may be irritation in some cases.

RESTRICTIONS OF USE

Seborrhea sicca.

PRECAUTIONS

Avoid contact with eyes.

EXTERNAL ANTIPARASITIC

DOGS
ENVIRONMENT

LOCAL EXTERNAL / ENVIRONMENTAL ADMINISTRATION

ECTHOL 5

PHARMACEUTICAL FORM

70 or 120 ml. bottle.

DESCRIPTION

Long acting antiparasitic for external use in dogs and environments with presence of dogs and cats.

ACTION

Antiparasitic against fleas, ticks and lice for external use. adulticide and larvicide. ***Chlorpyrifos:*** an organophosphate insecticide that acts by inhibiting acetylcholinesterase,producing a spastic paralysis in the susceptible parasite. ***Cypermethrin:*** it behaves as a neurotoxin, causing hyperexcitability followed by paralysis in sensitive parasites. It interacts with the GABA system and the acetylcholine-gated ion channels, inhibiting the acetylcholine.

INDICATIONS

Flea (Ctenocephalides felis/canis) and tick (Rhipicephalus sanguineus) control in dogs older than 4 months and environments with presence of dogs and cats. Control of lice and sarcoptic mange.

FORMULA

100 ml. of the solution contains:
Chlorpyrifos 3.5 g. / Cypermethrin 0.5 g. / Excipients q.s.

DOSAGE & ADMINISTRATION

Dogs: Dissolve 1 spoonful (10 cc) of ***Ecthol-Ambiental Perros*** *(Environmental-Dogs)* in 1 liter of water. Use a sponge or spray to soak the animal's body against hair growth and let it dry naturally. Apply on dry coats. Repeating the application every 14 days keeps the population of ectoparasites under control. ***Environment:*** dissolve 1 spoonful (10 ml.) of ***Ecthol-Ambiental Perros*** in 2 liters of water or in 500 ml. of wax, apply on floors and walls and let it dry naturally. Once prepared, the solutions remain effective for 45 days if stored in the shade.

CONTRAINDICATIONS

It cannot be used in cats or cold-blooded animals because of its toxicity. Dogs younger than 4 months.

SIDE EFFECTS

No adverse effects if used according to the indications.

RESTRICTIONS OF USE

Its use in debilitated or convalescent animals is not advisable. Its use in the last trimester of pregnancy or during lactation is not advisable either.

PRECAUTIONS

Avoid the simultaneous application of any other product inhibiting acethylcolinesterase against external or internal parasites.

DOGS
ENVIROMENT

LOCAL EXTERNAL / ENVIRONMENTAL ADMINISTRATION

ECTHOL AP

PHARMACEUTICAL FORM

100 or 1000 ml. bottle.

DESCRIPTION

Concentrated antiparasitic for external use in dogs and environments with presence of dogs and cats.

ACTION

Antiparasitic against fleas, ticks and lice for external use. adulticide and larvicide. Chlorpyrifos: an organophosphate insecticide that acts by inhibiting acetylcholinesterase, producing a spastic paralysis in the susceptible parasite. Cypermethrin: it behaves as a neurotoxin, causing hyperexcitability followed by paralysis in sensitive parasites. It interacts with the GABA system and the acetylcholine-gated ion channels, inhibiting the acetylcholine

INDICATIONS

Flea (Ctenocephalides felis / canis) and tick (Rhipicephalus sanguineus) control in dogs older than 4 months and environments with presence of dogs and cats. Control of lice and sarcoptic mange.

FORMULA

100 ml. of the solution contains:
Chlorpyrifos 7 g / Cypermethrin 1 g / Excipients q.s.

DOSAGE & ADMINISTRATION

Dogs: Dissolve 1 spoonful (10 cc) of ***Ecthol-Ambiental Perros*** *(Environmental-Dogs)* in 1 liter of water. Use a sponge or spray to soak the animal's body against hair growth and let it dry naturally. Apply on dry coats. Repeating the application every 14 days keeps the population of ectoparasites under control. ***Environment:*** dissolve one spoonful (10 ml.) of ***Ecthol-Ambiental Perros*** in 2 liters of water or in 500 ml. of wax, apply on floors and walls and let it dry naturally. Once prepared, the solutions remain effective for 45 days if stored in the shade.

CONTRAINDICATIONS

It cannot be used in cats or cold-blooded animals because of its toxicity. Dogs younger than 4 months.

SIDE EFFECTS

No adverse effects if used according to the indications.

RESTRICTIONS OF USE

Its use in debilitated or convalescent animals is not advisable. Its use in the last trimester of pregnancy or during lactation is not advisable either.

PRECAUTIONS

Avoid the simultaneous application of any other product inhibiting acethylcolinesterase against external or internal parasites.

CATS

LOCAL EXTERNAL ADMINISTRATION

ECTHOL COLLAR
CATS

PHARMACEUTICAL FORM
Each package contains a 40 cm collar.

DESCRIPTION
Antiparasitic collar for flea and tick control.

ACTION
Antiparasitic for external use based on Chlorpyrifos, an organophosphate that acts by vapor pressure with larvicide and adulticide action. Chlorpyrifos: It acts by inhibiting acetylcholinesterase, thus maintaining the acetylcholine action, a neurotransmitter in charge of facilitating the neuronal and neuromuscular communication. The sustained action of the acetylcholine produces a spastic paralysis in the susceptible parasite.

INDICATIONS
Flea (Ctenocephalides canis and/or felis) and tick (Rhipicephalus sanguineus) control.

FORMULA
Each collar contains:
Chlorpyrifos 10%

DOSAGE & ADMINISTRATION
Cats: a 40-cm long collar. It should not be tight around the neck. Adjust it to the neck size so that you can slide two fingers between the collar and the cat's neck. Trim the excess.

CONTRAINDICATIONS
Cats younger than four months.
Do not use in pregnant or lactating females.

SIDE EFFECTS
No side effects if used according to the indications.

RESTRICTIONS OF USE
Asian and oriental cats; sick, debilitated or sensitive animals that could develop contact dermatitis secondary to the use of flea and tick collars.

PRECAUTIONS
Remove the collar at the first sign of irritation or adverse reactions (muscle tremors, salivation, vomiting or diarrhea).

DOGS

LOCAL EXTERNAL ADMINISTRATION

ECTHOL COLLAR
DOGS

PHARMACEUTICAL FORM
Each package contains a 40 or 63 cm collar.

DESCRIPTION
Antiparasitic collar for flea and tick control.

ACTION
Antiparasitic for external used based on Chlorpyrifos, an organophosphate that acts by vapor pressure with larvicide and adulticide action. ***Chlorpyrifos:*** It acts by inhibiting acetylcholinesterase, thus maintaining the acetylcholine action, a neurotransmitter in charge of facilitating the neuronal and neuromuscular communication. The sustained action of acetylcholine produces a spastic paralyisis in the susceptible parasite.

INDICATIONS
Flea (Ctenocephalides canis and/or felis) and tick (Rhipicephalus sanguineus) control.

FORMULA
Each collar contains:
Chlorpyrifos 10%

DOSAGE & ADMINISTRATION
Small dogs: a 40 cm. long collar.
Large dogs: a 63 cm. long collar.

It should not be tight around the neck. Adjust it to the neck size so that you can slide two fingers between the collar and the dog's neck. Adjust to the wanted size. Trim the excess.

CONTRAINDICATIONS
Dogs younger than four months. Do not use in pregnant or lactating females.

RESTRICTIONS OF USE
Sick, debilitated or sensitive animals that could develop contact dermatitis secondary to the use of flea and tick collars.

PRECAUTIONS
Remove the collar at the first sign of irritation or adverse reactions (muscle tremors, salivation, vomiting or diarrhea).

CATS

LOCAL EXTERNAL ADMINISTRATION

ECTHOL GMP CATS

PHARMACEUTICAL FORM
Packages containing one 0.5 or 0.75 mL pipette. Two pack sizes for cats up to 5 kg and for cats weighing more than 5 kg.

DESCRIPTION
Spot-on external antiparasitic. Flea prevention and treatment.

ACTION
External antiparasitic against fleas. Imidacloprid acts on acetylcholine receptors causing the paralysis and death of parasites. Imidacloprid is effective against larval and adult flea stages.

INDICATIONS
Control and treatment of flea infestations (Ctenocephalides-canis and Ctenocephalidesfelis).

FORMULA
1 mL of solution contains:
Imidacloprid 100 mg / Excipients q.s.

DOSAGE AND ADMINISTRATION
Cats up to 5kg: 1 0.5 mL pipette.
Cats weighing more than 5 kg: 1 0.75 mL pipette.
Repeat administration every 4 weeks. Place the pipette on the skin between the shoulder blades with the tip pointed downwards.

CONTRAINDICATIONS
Do not use in cats under 10 weeks of age.
Hypersensitivity to active ingredient.

SIDE EFFECTS
In some animals with very sensitive skin, it may cause a non-serious application site reaction. We recommend dispensing small volumes of liquid to avoid product concentration in a single place.

RESTRICTIONS OF USE
It is important to apply the product to an area where the animal cannot lick it. Use only on healthy skin.

CAUTION
Avoid intake. Do not drink, smoke, or eat during administration. After handling product, wash your hands with soap and water.

DOGS

LOCAL EXTERNAL ADMINISTRATION

ECTHOL GMP DOGS

PHARMACEUTICAL FORM
Packages containing one 0.75 - 1.5- 3 - 6 and 9 mL pipette. (Up to 5 kg, 6-10 kg; 11-20 kg, 21-40 kg; and 41- 60 kg.)

DESCRIPTION
Spot-on external antiparasitic against fleas and ticks.
Insect repellent.

ACTION
External antiparasitic against fleas and ticks. Insect repellent. Imidacloprid acts on acetylcholine receptors causing the paralysis and death of the parasite. Imidacloprid is effective against fleas in larval and adult stages. Cyphenothrin is a synthetic pyrethroid with demonstrated effectiveness against insects. The combination of both products has a strong repellent effect against ticks and mosquitoes.

INDICATIONS
Prevention and treatment of flea (Ctenocephalidescanis / felis) and tick (Rhipicephalussanguineus) infestations. Fly and mosquito repellent.

FORMULA
1.5 mL of solution contain:
Imidacloprid 100 mg / Cyphenothrin 400 mg / Excipients q.s.

DOSAGE AND ADMINISTRATION
Dogs: Imidacloprid 10 mg/kg / Cyphenothrin 40 mg/kg
Repeat administration every 4 weeks. Place the pipette on the skin between the shoulder blades.

CONTRAINDICATIONS
Do not use in puppies under 8 weeks of age. Hypersensitivity to active ingredient.

SIDE EFFECTS
In some animals with very sensitive skin, it may cause a non-serious application site reaction. We recommend dispensing small volumes of liquid to avoid product concentration in a single place.

RESTRICTIONS OF USE
It is important to apply the product to an area where the animal cannot lick it. Use only on healthy skin.

CAUTION
Avoid intake. Do not drink, smoke, or eat during administration. After handling product, wash your hands with soap and water.

DOGS
CATS

ORAL ADMINISTRATION

ENZIMAX

PHARMACEUTICAL FORM
Each package contains 2 blisters with 10 tablets each.

DESCRIPTION
Dietary supplement formulated with proteolytic enzymes of vegetable origin in tablets for oral administration.

ACTION
It favors the digestive process and improves nutrient absorption: The absorption of these enzymes contributes to other systemic actions: *Bromelain:* anti-inflammatory, immunomodulatory, anticoagulant, antiedematous and mucolytic action. Betaine HCl: It strengthens the hepatic health, cooperates with cell hydration and protects the intestinal mucosa. Papain: anthelmintic action.

INDICATIONS
To optimize digestion and absorptionof home-made and commercial diets. Suggested as a complement in the treatment of: flatulence, diarrhea, maldigestion syndrome, malabsorption syndrome, chronic inflammatory bowel disease, chronic gastritis, dysbacteriosis, infectious gastroenteritis, internal parasitosis, pancreatic insufficiencies, liver diseases, convalescence periods, post-op periods, cancer treatments, among others.

FORMULA
Each tablet contains:
Bromelain 32 mg. (Equivalent to 80 FIP units) / Papain 1.6 mg. (Equivalent to 48000 USP units) / Betaine HCl 5 mg. / Excipients q.s.

DOSAGE & ADMINISTRATION
Dogs up to 5 kg: ½ tablet a day.
Dogs up to 10 kg: 1 tablet a day
Dogs above 10 kg: 2 tablets a day
Cats: ½ tablet a day
Administer before the main meal, ideally 20 minutes before the ingestion.

CONTRAINDICATIONS
Do not administer to animals with hypersensitivity to any of the main ingredients.

DOGS
CATS

ORAL ADMINISTRATION

PILERAN
DROPS

PHARMACEUTICAL FORM
20 ml. dropper bottle

DESCRIPTION
Oral solution with gastrokinetic antiemetic effect.

ACTION
Central antiemetic. The central antiemetic mechanism of action is a dopaminergic antagonism at the level of the chemoreceptor trigger zone. Peripherally, it is gastrokinetic and increases the gastrointestinal motility up to the colon with a gastric emptying action.

INDICATIONS
Treatment of vomiting of various etiologies, reflux esophagitis, nausea and gastric motility disorders. Preparation for radiological tests of the GI tract and for surgeries.

FORMULA
100 ml. of the solution contains:
Metoclopramide hydrochloride 0.5 g./ Excipients q.s.

DOSAGE & ADMINISTRATION
0.5 mg/kg of body weight every 6-8 hours, equivalent to 2 drops of Pileran® Drops/1 kg of body weight every 6-8 hours.

CONTRAINDICATIONS
Do not use in gastrointestinal episodes associated with the presence of sharp foreign bodies, mechanical obstruction or digestive perforations. Contraindicated in animals with seizures and animals medicated with neuroleptics. Do not use in patients with hypersensitivity to the main ingredient. Do not use in early stages of pregnancy or during lactation.

SIDE EFFECTS
In rare occasions, there are effects associated with dopamine receptor blockade, characterized by behavioral changes, restlessness, disorientation, and hallucinations. A sedative effect occurs in some cases.

RESTRICTIONS OF USE
Use with caution in patients with liver and renal failure and in epileptic patients.

PRECAUTIONS
Use with caution in debilitated animals.

DOGS
CATS

INJECTABLE ADMINISTRATION

PILERAN

PHARMACEUTICAL FORM
50 ml. vial

DESCRIPTION
Solution for injection with gastrokinetic antiemetic effect.

ACTION
Central antiemetic. The central antiemetic mechanism of action is a dopaminergic antagonism at the level of the chemoreceptor trigger zone. Peripherally, it is gastrokinetic and increases the gastrointestinal motility up to the colon with a gastric emptying action.

INDICATIONS
Treatment of vomiting of various etiologies, reflux esophagitis, nausea and gastric motility disorders. Preparation for radiological tests of the GI tract.

FORMULA
100 ml. of the solution contains:
Metoclopramide hydrochloride 0.5 g./ Excipients q.s.

DOSAGE & ADMINISTRATION
0.5 mg./ kg. of body weight/8 hours, equivalent to 1 ml. of Pileran®/ 10 kg. of body weight / 8 hours. By continuous infusion: 1-2 mg./ kg. of body weight /day, equivalent to 1 ml. of Pileran®/2.5 -5 kg. of body weight every/day.

CONTRAINDICATIONS
Do not use in gastrointestinal episodes associated with the presence of sharp foreign bodies, mechanical obstruction or digestive perforations. Contraindicated in animals with seizures and in animals medicated with neuroleptics. Do not use in patients with hypersensitivity to the main ingredient. Do not use in early stages of pregnancy or during lactation.

SIDE EFFECTS
In rare occasions, there are effects associated with dopamine receptor blockade, characterized by behavioral changes, restlessness, disorientation, and hallucinations. A sedative effect occurs in some cases.

RESTRICTIONS OF USE
Use with caution in patients with liver and renal failure and in epileptic patients.

PRECAUTIONS
In the administration by continuous infusion, protecting the parenteral solution where Metoclopramide is diluted from light is recommended. Use with caution in debilitated animals.

DOGS
CATS

ORAL ADMINISTRATION

PROTELIV
DROPS

PHARMACEUTICAL FORM
15 ml. dropper bottle

DESCRIPTION
Hepatoprotective compound in oral drops.

ACTION
Hepatoprotective, hydrocholeretic, cholagogue. Nicotinamide: It helps with the elimination of toxic substances. Coadjuvant in the reduction of cholesterol and triglyceride levels. Choline: it helps with lipid metabolism. Artichoke: choleretic and cholagogue. Hepatoprotector, free radical scavenger (antioxidant). Homatropine: Antispasmodic. Dehydrocholate: Hydrocholeretic. Deoxycholate: It emulsifies fats.

INDICATIONS
Hepatobiliary insufficiency, acute and chronic hepatitis, cholecystitis, cholangitis.

FORMULA
100 ml. of the solution contains:
Choline Bitartrate 5 g./ Artichoke extract 5 g./ Nicotinamide 2.5 g./ Dehydrocholic acid 0.25 g./ Deoxycholic acid 0.25 g./ Homatropine methylbromide 0.2 g./ Excipients q.s.

DOSAGE & ADMINISTRATION
Dogs and cats: 10-20 drops every 12 hours.
Treatment duration is at the discretion of the treating veterinarian.

CONTRAINDICATIONS
Hypersensitivity to any of its main ingredients. Serious hepatocellular failure. Bile duct obstruction. Homatropine includes the following contraindications: paralytic ileus, prostate hypertrophy, pyloric stenosis and myasthenia gravis.

SIDE EFFECTS
It does not have any, but in some cases it could increase the frequency of bowel movements or cause mild constipation.

GASTROENTEROLOGICAL

CATS — **ORAL** ADMINISTRATION

PROTELIV CATS

PHARMACEUTICAL FORM
1 dosing syringe containing 7 g.

DESCRIPTION
Biomodulator for liver protection in palatable paste.

ACTION
It cooperates with liver function. Ursodeoxycholic acid: it has choleretic and immunomodulatory effect. It prevents cells from going into apoptosis and avoids mitochondrial injury. N-Acetylcysteine: Precursor of glutathione, antioxidant and hepatoprotector. It cooperates in detoxification processes. Milk thistle extract: Liver regenerator. Silymarin: it has antihepatotoxic and antioxidant activity. Choline (bitartrate): it is involved in the synthesis of lecithin, an emulsifier that affects the regulation of fat and cholesterol.

INDICATIONS
Hepatoprotector. Cholangitis complex. Toxic hepatitis. Hepatic lipidosis. Infectious diseases: FIP, Toxoplasmosis. Etc.

FORMULA
1 g of palatable paste contains:
Ursodeoxycholic acid 25 mg./ N-Acetylcysteine 15 mg./ Milk thistle extract powder 20 mg./ Choline (bitartrate) 50 (120) mg./ Excipients q.s./ Flavored with cod liver oil, a source of Omega 3.

DOSAGE & ADMINISTRATION
1 ml./g. a day per animal.

CONTRAINDICATIONS
Do not administer to animals with hypersensitivity to any of its components.

DOGS
CATS — **ORAL** ADMINISTRATION

PROTELIV
TABLETS

PHARMACEUTICAL FORM
Package containing 3 blisters with 7 tablets each.

DESCRIPTION
Physiological modulator of the liver metabolism in palatable tablets for oral administration.

ACTION
Hepatoprotector, choleretic cholagogue. ***Alpha lipoic acid*** *(thioctic acid):* It stimulates the glutathione synthesis, potent oxidant both in aqueous and lipidic phase. ***Silybum marianum:*** liver regenerator. Silymarin has antihepatotoxic and antioxidant activity. ***Cynara scolymus:*** Cynarine is characterized by its antioxidant, hepatoprotective, choleretic and cholagogue activities. ***Curcuma longa:*** Turmeric has significant cholagogue, choleretic and hepatoprotective activities. Antioxidant. Anti-inflammatory. Analgesic. ***Betaine*** *(trimethylglycine):* Amino acid with lipotropic action. Of choice in replacement therapy in cases of severe liver dysfunction. ***Methionine:*** Amino acid necessary in lipid metabolism and protein synthesis. It reduces the risk of fatty liver. ***Choline:*** It participates in lecithin synthesis, an emulsifier that has a fat and cholesterol regulating effect. ***Zinc Gluconate:*** Zinc is part of the majority of the hepatic metabolic enzymes. ***N-acetyl cysteine:*** It cooperates in the increase in glutathione synthesis, to meet the requirements of a stressed liver and to reduces oxidative stress. ***Vitamin B12:*** It is essential in the case of acute or chronic liver failure due to its participation in the clearance and detoxification processes.

INDICATIONS
To accompany the treatment of acute or chronic liver diseases: hepatobiliary insufficiency, infectious (viral/bacterial /parasitic/fungal) and toxic hepatitis. Cholecystitis. Cholangitis. Fatty liver. Feline triaditis. Fibrosis. Cirrhosis. Animals with elevated liver enzyme values, with or without clinical signs. Animals prone to liver damage due to different causal factors, such as metabolic diseases. In prolonged treatments with drugs highly metabolized in the liver or potentially hepatotoxic drugs. Convalescence of liver diseases. Hepatic encephalopathies. Hyperlipidemia.

FORMULA
Each 1500 mg tablet contains:
Alpha lipoic *(thioctic)* acid 10 mg./Silybum marianum dry extract 40 mg./Cynara scolymus L dry extract 40 mg. / Curcuma longa L dry extract 75 mg./Betaine hydrochloride 100 mg./Methionine 200 mg./Choline Bitartrate 10 mg./Zinc Gluconate *(equivalent to 5 m.g of zinc per tablet)* 34.84 mg./N-acetyl cysteine 30 mg./ Vit. B12 0.01 mg./ Excipients q.s.

DOSAGE & ADMINISTRATION
Dogs up to 10 kg: 1/2 tablet a day.
Dogs 10 to 30 kg: 1 tablet a day.
Dogs above 30 kg: 2 tablets a day.
Cats: 1/4 to 1/2 tablet a day. In case of animals resisting to take medication by oral route, the tablet can be crushed to powder and mixed with food.

CONTRAINDICATIONS
Do not administer in animals with hypersensitivity to any of the main ingredients or in case of bile duct obstructions.

GERIATRICAL

DOGS
CATS — **ORAL** ADMINISTRATION

IQ 180

PHARMACEUTICAL FORM
Each package contains 3 blisters with 7 tablets each.

DESCRIPTION
Supplement to help reduce age-related loss of mental function in palatable tablets.

ACTION
It improves social behavior, memory and attention. Antioxidant. Cell regenerator. It reduces anxiety stress. Alpha lipoic acid: antioxidant that provides neuronal protection against potential toxicity. Beta amyloid and hydrogen peroxide. It lowers lipofuscin levels. ***L Glutamine:*** endogenous antioxidant with neuron protection. ***Nicotinamide:*** it regulates the neuronal membrane fluidity, protects the cholinergic neurons and pyramidal cells, and it increases neurotrophic factor synthesis and release. ***Ascorbic acid:*** antioxidant, it regulates vit E synthesis. ***ATP:*** it reduces neuronal inflammation, reduces neuronal death, improves the cholinergic transmission and improves cognitive function.

INDICATIONS
Symptoms of senility, age-related hearing loss, disorientation, personality changes. It helps prevent the impairment of cognitive processes.

FORMULA
Each tablet contains:
Ascorbic acid 150 mg./ L-Glutamine 100 mg./ Nicotinamide 30 mg./ Alpha lipoic acid 10 mg./ ATP 5 mg./ Excipients q.s.

DOSAGE & ADMINISTRATION
Dogs up to 10 kg: 1/2 tablet a day
Dogs 10 to 30 kg: 1 tablet a day
Dogs above 30 kg: 2 tablets a day
Cats: 1/4 to 1/2 tablet a day. In case of animals resisting to take medication by oral route, the tablet can be crushed to powder and mixed with food.

CONTRAINDICATIONS
Do not administer in animals with hypersensitivity to any of the main ingredients.

HEALTH & WELLNESS

DOGS — **ORAL** ADMINISTRATION

NOMAT

PHARMACEUTICAL FORM
Each package contains 2 blisters with 10 tablets each.

DESCRIPTION
Chlorophyll-based detoxifying and antioxidant dietary supplement with body and mouth deodorizing action in tablets for oral administration.

ACTION
Detoxicant and antioxidant. It oxygenates body tissues, creating an unfavorable medium for anaerobic bacteria. Its catalyzing action neutralizes substances in different media: neutral, acid or base. It cooperates with metabolic processes conducting its detoxifying action, which is manifested, among other things, by diminishing the body and mouth odor. It is a potent antioxidant that improves the gastrointestinal and immunological health.

INDICATIONS
It reduces halitosis. It reduces body odor. It eliminates offensive mouth and body odor. In bitches, it eliminates estrus scent and deodorizes urine. In consequence, the attraction to males and the related trouble are avoided. Its deodorant activity is enhanced by its germicide and anti-inflammatory capacity. These activities contribute to relieving inflammation in the oral cavity, the factor responsible for the onset of halitosis.

FORMULA
Each tablet contains:
Chlorophyll copper sodium 75 mg./ Excipients q.s.

DOSAGE & ADMINISTRATION
Dogs up to 10 kg of weight: 1 tablet every 24 hours.
Dogs above 10 kg of weight: 1 tablet every 12 hours.
Bitches in heat: double the dose.

SIDE EFFECTS
None at the recommended dosage.

DOGS

ORAL ADMINISTRATION

IVERMECTIN 250 MCG.

PHARMACEUTICAL FORM
Package containing 1 blister with 6 tablets.

DESCRIPTION
Internal dewormer to control filariasis in dogs.

ACTION
Internal dewormer. Microfilaricide. Filaria prevention. Ivermectin causes the immobilization of worms by inducing tonic muscle paralysis mediated by the potentiation and/or direct activation of glutamate-gated chloride channels sensitive to ivermectin.

INDICATIONS
As microfilaricide and to prevent Dirofilariaimmitisfilariasis in dogs.

FORMULA
Each tablet contains:
Ivermectin 250 mcg. / Excipients q.s.

DOSAGE AND ADMINISTRATION
Treatment: Microfilaricide: 50 mcg/kg. [1 tablet of Ivermectin every 5 kg] - single administration. Perform a modified Knotts test 23 weeks post-treatment. If the test is positive, repeat administration; if it is negative, administer preventive treatment. Preventive treatment: 6 mcg/kg. [1 tablet of Ivermectin every 40 kg].Single administration every 30 days (do not exceed this dosage interval) all year long for life. It can be administered with food.

If you suspect the animal only took part of the product, we recommend to repeat the administration.

SIDE EFFECTS
Potential side effects following administration:
1) Acute reaction: shock, generally 5 hours after administration. Provide treatment for shock.
2) Mild reaction: anorexia, lethargy, mydriasis, ataxia, vomiting, coughing, and dyspnea. These signs are transient and appear 24-48 hours after treatment.

CONTRAINDICATIONS
Do not use in the following breeds: collie, border collie, old English sheepdog, or their crossbreeds at higher doses than the microfilaricides.

RESTRICTIONS OF USE
Do not use in puppies under 12 weeks.

CATS

ORAL ADMINISTRATION

ENDECTOCID

PHARMACEUTICAL FORM
Case containing 6 blisters with 10 tablets.

DESCRIPTION
Oral ivermectin-based endectocide.

ACTION
Macrocyclic lactone ivermectin with internal and external antiparasitic effects. Endectocides act on the GABA receptors of nervous system cells by blocking nerve impulse transmission, which results in parasite paralysis and death.

INDICATIONS
Treatment of external parasites like feline demodicosis, notoedric mange, otodectic mange and cheyletiellosis, as well as internal parasites like nematodes: Ascarissp and Ancylostoma sp.

FORMULA
Each tablet contains:
Ivermectin 5 mg / Excipients q.s.

DOSAGE AND ADMINISTRATION
Cheyletiellosis: oral curative dose: 0.3 mg/kg. / Treatment duration: 2-3 doses. / Dosing interval: 21 - 35 days. / Notoedric mange and otodectic mange: oral curative dose: 0.3 mg/kg. / Treatment duration: 2 doses. / Dosing interval: 14 days. / Feline demodicosis: oral curative dose: 0.3 mg/kg. / Treatment duration: until healing. / Dosing interval: 14 days. *Ascariasis and Ancylostomiasis: oral curative dose: 0.3 mg/kg. / Treatment duration: 2 doses. / Dosing interval: 15 days.

CONTRAINDICATIONS
Hypersensitivity to ivermectin.
Sensitive breeds.

RESTRICTIONS OF USE
Puppies under 6 weeks.

DOGS
CATS

ORAL ADMINISTRATION

TOTAL FULL CG

PHARMACEUTICAL FORM
15 and 150 ml. bottle with dosing syringe.

DESCRIPTION
Dewormer in oral suspension.

ACTION
Broad-spectrum dewormer. Toltrazuril: it has broad-spectrum action against coccidia and antiprotozoal activity. As a coccidicide, it acts in the different stages, both in the asexual and sexual phase, preventing the replication. It reduced the mitochondrial enzymatic activity compromising the respiratory metabolism and the nucleic acid synthesis, which results in the destruction of the parasite. Fenbendazole: anthelmintic, vermicide, larvicide and ovicide. It acts by binding to the proteins that make up the parasite microtubules, inhibiting the parasite glucose uptake, which causes the parasite's loss of energy and death.

INDICATIONS
To treat cats and dogs infected with coccidia (Isospora spp); protozoans (Giardia spp) and Nematodes (Toxocara spp - Toxascaris spp - Ancylostoma spp - Trichuris spp).

FORMULA
100 ml. of the solution contains:
Fenbendazole 5 g / Toltrazuril 2 g / Excipients q.s.

DOSAGE & ADMINISTRATION
Dogs and cats: Coccidia: based on toltrazuril, 20 mg/kg of body weight (equivalent to 1 ml. of the oral suspension by kg of body weight). Two takes with a 7-day interval. ***Giardia and nematodes:*** based on fenbendazole, 50 mg/kg of body weight (equivalent to 1 ml. of the oral suspension by kg of body weight). One administration every 24 h for three consecutive days. For Ascaris and Ancylostoma control, repeat between 14 and 21 days later; for Trichuris repeat after 30 and 60 days. Shake well before using. The presence of food does not alter its absorption.

CONTRAINDICATIONS
Do not administer to puppies and kittens younger than 20 days.

SIDE EFFECTS
Vomiting and/or diarrhea may be seen in a few cases.

RESTRICTIONS OF USE
Its administration to pregnant females is not advised since no studies have been conducted supporting its use in this stage.

CATS

ORAL ADMINISTRATION

TOTAL FULL LC
CATS

PHARMACEUTICAL FORM
Each package contains 1 or 30 blisters with 2 tablets each.

DESCRIPTION
Dewormer in palatable scored tablets.

ACTION
Broad-spectrum dewormer. ***Fenbendazole:*** It acts by binding to tubulin, a protein that makes up the parasite microtubules, inhibiting the parasite glucose uptake, which causes loss of energy and death. ***Pyrantel:*** It stimulates acetylcholine release, inhibiting the cholyntesterase and provoking a neuromuscular blockade in helminths. In consequence, it causes the paralysis and detachment of parasites. ***Praziquantel:*** It increases the permeability to calcium in the parasite, producing spastic paralysis and tissue damage.

INDICATIONS
Prevention and treatment of cestodes, nematodes. ***Cestodes:*** Dipylidium caninum, Taenia spp. ***Nematodes:*** Toxocara cati, Toxascarias leonina, Ancylostoma spp.

FORMULA
Each tablet contains: Fenbendazole 200 mg / Pyrantel base (pamoate) 80 mg / Praziquantel 20 mg / Excipients q.s.

DOSAGE & ADMINISTRATION
One tablet every 4 kg of bodyweight, equivalent to: Praziquantel: 5 mg / kg of bodyweight. Pyrantel base (pamoate): 20 mg/kg of bodyweight. Fenbendazole: 50 mg / kg of bodyweight. Single administration. In severe infestations, repeat the dose after 24 h. Repeat the deworming after 15-21 days.

CONTRAINDICATIONS
Do not administer to animals with a known sensitivity to any of the main ingredients.

SIDE EFFECTS
Occasionally, there may be hypersalivation, nausea, vomiting or diarrhea, which remit spontaneously. Sensitive cats can rarely experience episodes of lethargy and ataxia.

RESTRICTIONS OF USE
Kittens younger than 20 days. Pregnant cats until gestational day 41.

PRECAUTIONS
Use with caution in animals with liver and kidney failure, and in debilitated and convalescent animals.

DOGS

ORAL ADMINISTRATION

TOTAL FULL LC
DOGS

PHARMACEUTICAL FORM
Total Full LC for small and medium dogs:
Each package contains 1 or 30 blisterd with 2 palatable tablets each.

Total Full LC for large dogs:
Each package contains 1 or 24 blisters with 3 palatable tablets each.

DESCRIPTION
Extended-release dewormer in palatable scored tablets.

ACTION
Broad-spectrum dewormer. ***Fenbendazole:*** It acts by binding to tubulin, a protein that makes up the parasite microtubules, inhibiting the parasite glucose uptake, which causes loss of energy and death. ***Pyrantel:*** It stimulates acetylcholine release, inhibiting the cholyntesterase and provoking a neuromuscular blockade in helminths. In consequence, it causes the paralysis and detachment of parasites. ***Praziquantel:*** It increases the permeability to calcium in the parasite, producing spastic paralysis and tissue damage.

INDICATIONS
Prevention and treatment of cestodes, nematodes and giardia *(cystic forms).* ***Cestodes:*** Dipylidium caninum, Taenia sp. ***Nematodes:*** Toxocara canis, Toxascaris leonina, Ancylostoma caninum, Trichuris vulpis.

FORMULA
Each tablet contains, depending on its dosage form:
Fenbendazole 250 mg. / 500 mg. / 1000 mg.
Pyrantel base *(pamoate)* 25 mg. / 50 mg. /100 mg.
Praziquantel 25 mg. / 50 mg. /100 mg.
Excipients q.s.

DOSAGE & ADMINISTRATION
Cestodes and Nematodes: 1 tablet every 5 kg, 10 kg or 20 kg of body weight (depending on dosage form). Single administration. In severe infestations, repeat the dose after 24 h. ***Giardia:*** administer for 3 days. In all the cases, repeat the deworming after 15-21 days.

CONTRAINDICATIONS
Animals sensitive to any of the main ingredients.

SIDE EFFECTS
Occasionally, there may be hypersalivation, nausea, vomiting or diarrhea, which remit spontaneously.

RESTRICTIONS OF USE
Pregnancy and lactation: it can be administered to pregnant bitches from gestational day 41. It can also be used during lactation, in stud males and puppies from 20 days old.

CATS

ORAL ADMINISTRATION

TOTAL FULL SUSPENSION
CATS

PHARMACEUTICAL FORM
Each package contains a 15 ml bottle and dosing syringe.

DESCRIPTION
Dewormer in oral suspension.

ACTION
Broad-spectrum dewormer. ***Fenbendazole:*** It acts by binding to tubulin, a protein that makes up the parasite microtubules, inhibiting the parasite glucose uptake, which causes loss of energy and death. ***Pyrantel:*** It stimulates acetylcholine release, inhibiting the cholyntesterase and provoking a neuromuscular blockade in helminths. In consequence, it causes the paralysis and detachment of parasites. ***Praziquantel:*** It increases the permeability to calcium in the parasite, producing spastic paralysis and tissue damage.

INDICATIONS
Infestations by cestodes *(Dipylidium caninum),* nematodes *(Toxacara cati, Toxascaris leonina and Ancylostoma spp.)* Protozoans *(Giardia, cystic forms).* It can be administered to pregnant females from pregnancy day 41 and also during lactation.

FORMULA
100 ml. of the solution contains:
Fenbendazole 5 g. / Pyrantel base *(pamoate)* 2 g./Praziquantel 0.5 g. / Excipients q.s.

DOSAGE & ADMINISTRATION
Kittens & cats: 1 ml/kg of body weight in a single administration. In severe infestations, repeat the dose after 24 h. Deworm again from 15 to 21 days later. In case of giardia, administer for 3 days.

CONTRAINDICATIONS
Do not administer to animals with a known sensitivity to any of the main ingredients.

SIDE EFFECTS
Occasionally, there may be hypersalivation, nausea, vomiting or diarrhea, which remit spontaneously.

RESTRICTIONS OF USE
Kittens younger than 20 days. Pregnant cats until 41 days.

PRECAUTIONS
Use with caution in animals with liver and kidney failure, and in debilitated and convalescent animals.

DOGS

ORAL ADMINISTRATION

TOTAL FULL SUSPENSION
DOGS

PHARMACEUTICAL FORM
Each package contains a 15 ml bottle and dosing syringe.

DESCRIPTION
Dewormer in oral suspension.

ACTION
Broad-spectrum dewormer. Fenbendazole: It acts by binding to tubulin, a protein that makes up the parasite microtubules, inhibiting the parasite glucose uptake, which causes loss of energy and death. Pyrantel: It stimulates acetylcholine release, inhibiting the cholyntesterase and provoking a neuromuscular blockade in helminths. In consequence, it causes the paralysis and detachment of parasites.

INDICATIONS
For control and treatment of infestations by: Nematodes: Toxocara canis, Toxascaris leonina, Ancylostoma caninum, Uncinaria stenocephala, Trichuris vulpis. Protozoans: Giardia spp (cystic forms).

FORMULA
100 ml. of the solution contains:
Fenbendazole 5 g /Pyrantel base (pamoate) 0.5 g /Excipients q.s.

DOSAGE & ADMINISTRATION
Administer 5 mg/kg of Pyrantel and 50 mg/kg of Fenbendazole, equivalent to 1 ml. of suspension/kg, in a single dose. In severe infestations, repeat the dose after 24 horas. Repeat the deworming after 15-21 days. For the treatment of Giardia spp., administer 1 ml. of suspension /kg/day for 3 days. Shake well before using.

CONTRAINDICATIONS
Do not administer to animals with a known sensitivity to any of the main ingredients.

SIDE EFFECTS
Occasionally, there may be hypersalivation, nausea, vomiting or diarrhea, which remit spontaneously.

RESTRICTIONS OF USE
Puppies younger than 20 days.

ODONTOLOGICAL

DOGS
CATS

LOCAL ADMINISTRATION

BIOCLIN
ANTIPLAQUE GEL

PHARMACEUTICAL FORM
20 ml. dropper bottle

DESCRIPTION
Topical gel for control and prevention of periodontal disease and halitosis.

ACTION
Bactericidal mouth antiseptic. Chlorhexidine destabilizes and penetrates bacterial cell membranes. It precipitates the cytoplasm, interferes with the membrane function and inhibits the use of oxygen, which results in decreased ATP levels and cell death. Fast action. Broad spectrum. It does not inactivate in the presence of organic matter. Residual power for up to 48 hours. Chlorhexidine is the preparation that has shown better substantivity at mouth level.

INDICATIONS
Halitosis. Periodontitis. Gum infections. Prevention of plaque formation. Coadjuvant in pre- and post-teeth cleaning by a dentist.

FORMULA
100 ml. of gel contains:
Chlorhexidine Digluconate 0.2 g / Excipients q.s.

DOSAGE & ADMINISTRATION
Dogs and cats: Place sufficient antiplaque gel on the tooth brush. Preventive treatment: start getting your pet used to it from an early age, ideally after the eruption of permanent teeth. This will be done once a day, twice a week. Curative treatment: if the periodontal disease is in very advanced stage, this will start after teeth cleaning, once a day, every day. In case of favorable progress, the treatment may be spaced out until a minimum of 2 times a week. Treatment duration will be established at the discretion of the treating veterinarian.

CONTRAINDICATIONS
Cases of hypersensitivity reactions to chlorhexidine by oral route, but they are very rare.

PRECAUTIONS
Using this product requires that the animal gets used to it.

DOGS
CATS

ORAL ADMINISTRATION

BIOCLIN MOUTHWASH

PHARMACEUTICAL FORM
A 250 mL container

DESCRIPTION
Antiseptic mouthwash, refreshing and palatable. Add to the drinking water of dogs and cats for oral hygiene and to prevent bad breath.

ACTION
Xylitol inhibits the growth of oral bacteria by preventing them from feeding on glucose. In addition to this, Xylitol prevents the accumulation of calcium salts on dental plaque, reducing tartar formation. With daily use, a film forms on teeth preventing plaque adherence and bad breath.

INDICATIONS
Prevention and treatment of most frequent oral conditions in cats and dogs. To prevent and treat the formation and accumulation of dental plaque, calculus, and bad breath. To keep the oral cavity healthy..

FORMULA
100 mL of solution contain:
Xilitol 0.5 g / Excipients q.s.

DOSAGE AND ADMINISTRATION
Dilute 5 mL of solution in 500mL of drinking water. Suitable for daily use. The solution must be replaced every 24 hours, even if the animal did not drink the water.

SIDE EFFECTS
No known adverse effects at the specified concentration.

CONTRAINDICATIONS
No contraindications at the specified concentration.

RESTRICTIONS OF USE
None.

CAUTION
No contraindications at the specified concentration.

ONCOLOGY MEDICATION

DOGS
CATS

ORAL ADMINISTRATION

NEOVITA

PHARMACEUTICAL FORM
Carton containing 3 blisters with 7 tablets each.

DESCRIPTION
Dietary supplement in palatable tablets that help maintain and improve the vital functions of cancer patients.

ACTION
It provides essential nutrients to cancer patients during palliative care or following treatment (i.e., surgery, chemotherapy, radiotherapy, etc.).

INDICATIONS
To preserve patient's quality of life after recovery from successful therapies to prevent oxidative stress and cell damage to prevent new disorders. Prolonged recovery periods. During palliative care to provide essential nutrients to improve patient's quality of life.

FORMULA
Each tablet contains:
L-Arginine Hydrochloride 300 mg
Garlic [bulb extract] 150 mg
Turmeric rhizome extract 100 mg
Dried Spirulina [algae extract] 100 mg
L-glutamine 100 mg
Coated Vitamin C 50mg
Zinc Gluconate 30 mg
Vitamin A-Palmitate 5000 UI
Vitamin E 25 UI
Excipients q.s.

DOSAGE AND ADMINISTRATION
Cats: 1/4 to 1/2 tablets per day.
Dogs up to 10 kg: 1/2 to 1 tablet per day.
Dogs weighing more than 10 kg: 1 to 2 tablets per day.
1 tablet per day as a single administration or splitting dose into 2. Administer product until animal's metabolic balance is reestablished.

CONTRAINDICATIONS
Do not administer to animals with hypersensitivity to one of its ingredients.

SIDE EFFECTS
None.

RESTRICTIONS OF USE
Hypersensitivity to one of its ingredients.

CAUTION
Diarrhea and vomiting characteristic of cancer patients. Administer before meals to facilitate absorption.

OPHTALMOLOGICAL

DOGS

OCULAR ADMINISTRATION

CICLOSPORINA 1% OFTALDAY

PHARMACEUTICAL FORM
Tube containing 3.5 g. with ophthalmic applicator

DESCRIPTION
Immunomodulatory, lacrimomimetic and anti-inflammatory ophthalmic ointment.

ACTION
Immunomodulatory, lacrimomimetic and anti-inflammatory. Cyclosporine inhibits NF-kB activation, which is a nuclear factor involved in gene regulation in the immune and proinflammatory response of cytokines.

INDICATIONS
Indicated in the treatment of keratoconjunctivitis sicca *(KCS)* and chronic superficial keratitis *(pannus)*. Other indications: to reduce or eliminate corneal scars. Eosinophilic keratitis *(cats)*. Plasmacytic conjunctivitis. Superficial punctate keratitis. Ulcerative blepharitis of the nasal canthus. Scleritis and episcleritis.

FORMULA
100 g of ointment contains:
Cyclosporine A (USP) 1 g./ Excipients q.s.

DOSAGE & ADMINISTRATION
Apply 1 cm of ophthalmic ointment on the affected eye every 12 h. Treatment duration is at the discretion of the treating veterinarian based on progress. Administer the indicated quantity directly on the cornea or in the conjunctival sac, then softly massage the eyelid for adequate product distribution. Once open, keep in the refrigerator.

CONTRAINDICATIONS
Do not use in cases of viral or fungal eye infection. Do no use in case of hypersensitivity to any of the components in the formulation.

SIDE EFFECTS
It may cause irritation during the first days of treatment. If irritation persists beyond 7 days, hypersensitivity to this drug should be suspected and therapeutic options should be considered.

RESTRICTIONS OF USE
Its use in pregnant or lactating bitches is not recommended.

PRECAUTIONS
If necessary, we suggest removing the exudate with non-irritant solutions before applying the ophthalmic ointment. The instillation of the ophthalmic ointment can rarely be associated with local irritation manifested by periocular reddening, eyelid spasm and excessive rubbing. Given that the eyes of dogs with KCS often show considerable inflammation, it will be hard to determine whether this local irritation is due to hypersensitivity to the ophthalmic ointment. If this ocular irritation persists for more than 7 days, hypersensitivity to a component of the ophthalmic ointment should be suspected and therapeutic options should be reevaluated.

COLIRAMA VIRAL OFTALDAY

PHARMACEUTICAL FORM

10 ml. dropper bottle with atraumatic applicator

DESCRIPTION

Sterile eye drops based on idoxuridine, phenazone, naphazoline and benzalkonium chloride.

ACTION

Antiviral: idoxuridine is incorporated into the viral DNA instead of thymidine, inhibiting the viral replication. Bactericidal chemotherapeutic: benzalkonium chloride acts by inactivating energy producing enzymes, it denatures essential cell proteins and causes the rupture of the cell membrane. Non-steroidal anti-inflammatory: phenazone decreases the prostaglandin synthesis and possibly inhibits the synthesis or activities of other inflammatory response mediators. Decongestant: naphazoline is a rapid acting sympathomimetic vasoconstrictor.

INDICATIONS

Ophthalmodermias of viral *(keratitis and herpes conjunctivitis in cats)* and bacterial etiology in associated inflammatory processes.

FORMULA

100 ml. of the suspension contains:

Idoxuridine 100 mg./ Phenazone 400 mg./ Naphazoline hydrochloride 50 mg./ Excipients q.s.

DOSAGE & ADMINISTRATION

Dogs and cats: apply 1 drop in the conjunctival sac every 4 h; treatment duration will depend on disease progress and the discretion of the treating veterinarian.

CONTRAINDICATIONS

Do not administer to animals with known hypersensitivity to any of the ingredients. Naphazoline is contraindicated in patients suffering from or prone to narrow-angle glaucoma.

OPHTALMOLOGICAL

DOGS
CATS

OCULAR ADMINISTRATION

FLURBIPROFENO OFTALDAY

PHARMACEUTICAL FORM

5 ml. dropper bottle with atraumatic applicator

DESCRIPTION

Eye drops based on Flurbiprofen, a last generation non-steroidal anti-inflammatory drug.

ACTION

Topically applied to the eye, flurbiprofen inhibits the prostaglandin synthesis in the iris, ciliary body and conjunctiva, preventing the signs of eye inflammation. Surgery: it does not interfere with the action of the acetylcholine administered during eye surgery. It suppresses the intraoperative miosis through the inhibition of the ocular prostaglandin biosynthesis. Prostaglandins play a role in the miotic response developed during eye surgery through the constriction of the iris sphincter independently from the cholinergic mechanisms.

INDICATIONS

Treatment of inflammatory processes such as conjunctivitis, and mild and moderate uveitis. Intraocular surgeries *(Inhibition of the intraoperative miosis)*. Post-corneal ulcer repair with great vascularization. Painful eye processes. Substitution of topical glucocorticoids when they are contraindicated, and in association with them in very severe inflammatory processes.

FORMULA

100 ml. of the solution contains:

Flurbiprofen sodium 0.1 g./ Excipients q.s.

DOSAGE & ADMINISTRATION

Apply 1 drop in the conjunctival sac every 6 h; treatment duration will depend on disease progress and the discretion of the treating veterinarian. For inhibition of intraoperative miosis, a total of 4 to 6 drops should be administered on the eye by applying 1 drop every 30 minutes, starting 2 to 3 hours before surgery.

CONTRAINDICATIONS

Do not use in patients with glaucoma since it may increase the intraocular pressure.

SIDE EFFECTS

Flurbiprofen is generally well tolerated. In some situations, it could generate transient eye irritation.

PRECAUTIONS

Use with caution in surgical patients with known tendencies to bleeding or who are receiving other drugs that can prolong the bleeding time. Presence of corneal ulcer, due to delayed epithelial healing.

OCULAR EPITHELIAL REGENERATOR OFTALDAY

PHARMACEUTICAL FORM

Tube containing 3.5 g. with ophthalmic applicator

DESCRIPTION

Ophthalmic ointment based on Vitamins A & E and hydrolyzed casein.

ACTION

Reconstituent. It stimulates the corneal regenerative activity. Moisturizing. Vitamin A prevents the synthesis of high molecular weight keratin, responsible for the formation of a dry and rigid epithelium. It favors the synthesis of glycoproteins that moisture the corneal epithelium. Vitamin E has antioxidant properties, counteracting the damage of free radicals by protecting the DNA from their mutagenic action. It contributes to make cell aging slower. Hydrolyzed casein has essential amino acids, including glutamic acid, necessary for wound and epithelium healing.

INDICATIONS

Topical treatment of ulcerative keratoconjunctivitis in dogs and cats. It can also be used as an eye moisturizer.

FORMULA

100 g. of ointment contains:

Hydrolyzed casein 2.5 g./ Vitamin A palmitate 1 g./ Vitamin E acetate 0.1 g./ Excipients q.s.

DOSAGE & ADMINISTRATION

Dogs and cats: Apply 1 cm of sterile ophthalmic ointment on the cornea or in the conjunctival sac and then softly massage the eyelid for good product distribution. Repeat the administration every 8 to 12 h for 7 days or at the discretion of the treating veterinarian.

CONTRAINDICATIONS

Hypersensitivity to any of its main ingredients.

PRECAUTIONS

Its association with local anesthetics is not advisable because they inhibit corneal healing, they are toxic to the corneal epithelium and they cancel the protective reflexes or increase the chances of additional injuries, also causing lesions to the cornea.

DOGS
CATS

OCULAR ADMINISTRATION

OFLOXACINA OFTALDAY

PHARMACEUTICAL FORM

5 ml. dropper bottle with atraumatic applicator

DESCRIPTION

Eye drops based on ofloxacin 0.3% and HPMC *(Hydroxypropylmethylcellulose)*.

ACTION

Last-generation fluoroquinolone antibiotic. Ofloxacin shows excellent penetration into the corneal structure due to its liposolubility. Its optimal solubility at a neutral pH results in less precipitation of the main ingredient and a higher concentration in tears. *(Greater penetration than ciprofloxacin and more potency than norfloxacin)*. Ofloxacin inhibits topoisomerase IV and the bacterial DNA gyrase, preventing the replication and transcription of the bacterial DNA. It acts on infections caused by Gram (+) bacteria, including anaerobes, gram-negative bacteria, mycoplasma and Chlamydia.

INDICATIONS

Treatment of infectious conjunctivitis of bacterial origin, corneal ulcers, infection secondary to keratoconjunctivitis sicca, pre- and post-eye surgeries in cats and dogs.

FORMULA

100 ml. of the solution contains:

Ofloxacin 0.3 g./ Excipients q.s.

DOSAGE & ADMINISTRATION

Dogs and cats: Apply 1 drop in the conjunctival sac every 12 h. for 7 days or at the discretion of the treating veterinarian. In case of serious diseases, we recommend administering it every 4 to 6 hours for the first 2 days.

CONTRAINDICATIONS

Hypersensitivity to ofloxacin, other quinolones or any of the excipients.

SIDE EFFECTS

In some cases, it can cause a mild local irritation, which is included in the reports and does not generate complications.

RESTRICTIONS OF USE

Unknown.

PRECAUTIONS

Avoid touching the eye with the dropper tube. Close the dropper bottle tightly after the application.

OSTEOARTICULAR

DOGS
CATS

ORAL ADMINISTRATION

OL TRANS

PHARMACEUTICAL FORM
80 g. container with dosing spoon.

DESCRIPTION
Energy boosting vitamin and mineral supplement in palatable powder. Chondroprotector.

ACTION
Reconstituent. Pre Gags, Chondroprotector, Chondroreparative, Cholagenogenesis promotor. ***L-methionine:*** essential amino acid. It supplies sulphur to the body and helps prevent hair, skin and nail disorders. ***Adenosine triphosphate (ATP):*** it reactivates cell metabolism. ***L-cystine:*** It helps maintain the health of the coat, skin and nails. ***L-lysine:*** it helps in the maintenance of the immune system. ***Vitamin B12:*** It intervenes in protein synthesis, erythropoiesis and the healthy maintenance of the nervous system. ***Folic acid:*** it cooperates in erythropoiesis and protein synthesis. ***Choline citrate:*** lipid metabolism. ***Calcium and Magnesium:*** Structural function in bones and teeth, they intervene in muscle contraction and in the nerve impulse transmission. They cooperate in different enzymatic processes.

INDICATIONS
Prevention and/or treatment of osteoarticular diseases (osteodystrophic osteoporosis, hip dysplasia, *"flat feet"*, senile polyarthritis, as coadjuvant in fracture repair, etc.), articular processes (degenerative joint disease). Liver diseases. Dermatitis secondary to liver failure. Deficit conditions and anemia. Restorative.

FORMULA
100 g. contains:
Calcium Carbonate 40 g./ L-Methionine 2.5 g./ L-Lysine 1.5 g./ Choline Citrate 1.5 g./ L-Cystine 1 g./ Adenosine triphosphate 75 mg./ Magnesium Carbonate 30 mg./ Folic acid 25 mg./ Vitamin B12 0.5 mg./ Excipients q.s.

DOSAGE & ADMINISTRATION
A metered spoon is included inside the container to facilitate dosing. Make sure the measured dose is well mixed with the daily portion. ***Dogs and cats:*** *Up to 5 kg of weight:* 1/2 tablet a day. ***More than 5 kg of weight:*** 1 tablet a day. Teatment duration will depend on the progression of the clinical picture and will be at the discretion of the treating veterinarian.

PRECAUTIONS
Store in a cool and dry place and close tightly after use.

DOGS

ORAL ADMINISTRATION

OL TRANS FLEX

PHARMACEUTICAL FORM
Each package contains 3 or 10 blisters with 7 tablets each.

DESCRIPTION
Chondroprotector in palatable tablets for dogs.

ACTION
Chondroprotector. Nutraceutical. It preserves joint health, prevents osteoarticular degenerative processes and limits injury progression. It reduces pain and favors the joint biomechanics. It increases mobility and improves joint lubrication. It recovers the joint functionality and avoids the loss of muscle mass due to lack of use. ***MSM:*** it cooperates in the chondroitin sulphate synthesis, anti-inflammatory, analgesic, it improves blood flow and reduces muscle spasms. ***Glucosamine:*** it is part of the cartilage glycosaminoglycans. It stimulates chondrocytes in the collagen and proteoglycan synthesis. ***Ascorbic acid:*** antioxidant function and stimulant of the collagen synthesis. ***Manganese:*** it participates in the synthesis of chondroitin sulphate, hyaluronic acid and collagen.

INDICATIONS
Indicated in the treatment of chronic osteoarthritis; hip dysplasia; spondyloarthrosis, ligament, tendon and fracture repair. Prevention of osteoarticular processes in senior animals. Strengthening of osteoarticular health during the growing phase of puppies.

FORMULA
Each tablet contains:
Glucosamine sulphate 440 mg./ Methylsulfonylmethane (MSM) 400 mg./ Ascorbic acid 66 mg./ Manganese Gluconate 10 mg./ Excipients q.s.

DOSAGE & ADMINISTRATION
Dogs: 1 palatable tablet every 20 kg. of weight every 24 hours. Not less than 4-6 weeks. Treatment duration will depend on the progression of the clinical picture and at the discretion of the treating veterinarian.

CONTRAINDICATIONS
No contraindications, it has a high safety margin.

RESTRICTIONS OF USE
Do not use in animals with hypersensitivity to the main ingredients.

OTOLOGICAL

DOGS
CATS

OTIC ADMINISTRATION

CLORHEXIDINA
EAR DROPS

PHARMACEUTICAL FORM
15 ml. dropper bottle

DESCRIPTION
Antiseptic, bactericidal, fungicidal and cerumenolytic otic solution.

ACTION
Disinfectant bactericide-fungicide antiseptic characterized by: it does not inactivate in the presence of organic matter. Residual power for up to 48 h. (it persists longer in the stratum corneum). Broad spectrum / Gram +, Gram-, enveloped viruses (herpes virus), funguses and spores, mycobacteria (bacteriostatic). Rapid action by contact. Mechanism of action: It causes a rupture of the plasmatic membrane due to an osmotic abnormality in it and by enzyme inhibition. At elevated concentrations, it precipitates proteins and microbial nucleic acids. Due to its cerumenolytic effect, propylenglycol permits a greater difussion of the antiseptic and, therefore, it begins to act faster.

INDICATIONS
Prevention and treatment of acute and chronic otitis externa either of bacterial (Gram + and Gram - germs), fungal (Malassezia pachydermatis; Pityrosporum canis or Candida sp.) or mixed etiology.

FORMULA
100 ml. of solution contains:
Chlorhexidine Digluconate 0.5 g / Excipients q.s.

DOSAGE & ADMINISTRATION
Instill a sufficient quantity of drops to fully occupy the external auditory canal. Softly massage the base of the outer ear and carefully remove the product excess from the accessible portion of the external auditory canal using sterile gauze for each conduit. For prevention: clean the ears on a weekly basis. For otitis treatment: Apply every 24 h; treatment duration will depend on disease progress and the discretion of the treating veterinarian.

CONTRAINDICATIONS
Do not administer in cases with tympanic membrane perforation.

PRECAUTIONS
Perform an otoscopy to corroborate the tympanic membrane integrity in order to avoid its use in case of perforation.

DOGS
CATS

INJECTION ADMINISTRATION

MEDROXI PROGESTERONA

PHARMACEUTICAL FORM
5 ml. vial

DESCRIPTION
Progestogen, contraceptive for injection.

ACTION
Medroxyprogesterone acts as an anaovulatory agent, with antiestrogenic, antiandrogenic and antigonadotropic action. It inhibits pituitary gonadotropin releasing factors at hypothalamic level through negative feedback. The consequence of this mechanism is primarily an inhibition of adenohypophyseal LH and FSH release, added to a reduced ovarian response to both, thus resulting in the antiovulatory effect.

INDICATIONS
Estrus prevention in anestrous females. It is also used to treat various behavioral problems, including aggressiveness in dogs and cats, controlling urine marking in males, and suppressing unwanted male behavior, such as mounting.

FORMULA
100 ml. of the suspension contains:
Medroxyprogesterone acetate 5 g. / Excipients q.s.

DOSAGE & ADMINISTRATION
Female dogs & cats: 2-3 mg/kg by subcutaneous route. In bitches, it is preferably administered during the second half of anestrus. In females with offspring, it is administered 20-30 days post-weaning. In cats, every 6 months or else 15-20 days post-weaning. Shake well before using, 1 ml. (50 mg total) of the sterile aqueous suspension by subcutaneous route every 5 or 6 months. We recommend administering into the inner thigh or the inner fold of the flank. Treatment repetition will depend on the treating Veterinarian's criterion. An intermittent therapy is advised to increase the safety margin. Behavioral disorders in dogs and cats. ***Dogs:*** 3-5 mg / Kg, single administration. ***Cats:*** 5-10 mg / Kg, single administration.

CONTRAINDICATIONS
Do not use in non-anestrous animals, animals that have not reached sexual maturity, or in case of suspected uterine disorders or genital malformations, patients with hormone-dependent mammary tumors, diabetes mellitus, severe liver diseases (due to the hepatic biotransformation of these compounds) or pregnancy (due to the risk of prolonged pregnancy and fetal death).

SIDE EFFECTS
Alopecia or depigmentation may occur in the administration area. Increased appetite, depression, adrenocortical abnormalities, mammary changes or pyometra.

PRECAUTIONS
The previous treatment with estrogens can lead to uterine abnormalities when used with progestogens.

DOGS
CATS

ORAL ADMINISTRATION

RELAY C

PHARMACEUTICAL FORM
Each package contains 1 blister with 10 tablets.

DESCRIPTION
Non-hormonal antiprolactin drug in tablets.

ACTION
Non-hormonal antiprolactin drug selectively inhibiting prolactin secretion at pituitary level thanks to its agonist activity on dopamine 2 receptors.

INDICATIONS
1) Treatment of pseudopregnancy. **2)** Suppression of milk secretion due to: Removal of the litter immediately after delivery. / Early weaning. / Post-ovariohysterectomy lactation / in situations that may induce unwanted effects such as breast obstruction and/or mastitis. **3)** Pituitary Cushing syndrome **4)** Heat synchronization **5)** Coadjuvant in the medical treatment of pyometra.

FORMULA
Each tablet contains:
Cabergoline 100 mcg / Excipients q.s.

DOSAGE & ADMINISTRATION
Treatment of pseudopregnancy and milk suppression:
Bitches: 5 mcg/kg every 24 h for 4 to 6 days.
Cats: 2.5 to 5 mcg/kg every 24 h for 4 to 6 days.
Treatment of Cushing syndrome in dogs: 70 mcg/kg per week distributed every 48 h.

CONTRAINDICATIONS
Pregnancy. Hypersensitivity to cabergoline, cardiac and/or pulmonary fibrosis, valve diseases, severe liver disease.

SIDE EFFECTS
Vomiting may occur and subsides adjusting the dose or administering it with food.

RESTRICTIONS OF USE
Do not use during lactation.

PRECAUTIONS
Use with caution in patients on antihypertensive treatment.

DOGS
CATS

ORAL ADMINISTRATION

SOLUBRON 20

PHARMACEUTICAL FORM
Each package contains 3 blisters with 10 tablets each.

DESCRIPTION
Fast-acting expectorant mucolytic in tablets for oral administration.

ACTION
Mucolytic, it acts on the mucus structure reducing its viscosity. / Expectorant, it increases the volume of secretions in the respiratory tract facilitating its removal by coughing and ciliary action.. / Local immunological action, it raises the immunoglobulin (IgA/IgG) levels in the secretions of the respiratory tract. / Antibiotic synergistic action, it favours the concentration of antibiotic in the bronchial mucus by altering the permeability of the respiratory mucosa and improving the irrigation.

INDICATIONS
Rhinotracheitis, tracheobronchitis, acute and chronic bronchitis, bronchiectasis and bronchopneumonia. If necessary, the appropriate antimicrobial therapy will have to be established.

FORMULA
Each tablet contains:
Bromhexine 20 mg / Excipients q.s.

DOSAGE & ADMINISTRATION
Dogs and cats: 1 mg/kg equivalent to one tablet every 20 kg. Treatment duration according to clinical progress and at the discretion of the treating veterinarian.

CONTRAINDICATIONS
Hypersensitivity to the main ingredient.

RESTRICTIONS OF USE
Pregnancy.

PRECAUTIONS
It should be used with caution in patients with gastric ulcer, diabetes mellitus.

DOGS
CATS

ORAL ADMINISTRATION

APETIL

PHARMACEUTICAL FORM
10 ml. dropper bottle.

DESCRIPTION
Oral solution with anabolic, orexigenic and regulatory effect on the energy balance.

ACTION
Appetite stimulant through the antiserotoninergic action of cyproheptadine (it stimulates the appetite center and inhibits the satiety center). Anabolic action of stanozolol increasing protein biosynthesis, anabolic effect. It favors the energy supply: DL carnitine favors the transport of long chain fatty acids into the mitochondria, thus enabling lipids to be used for energy production.

INDICATIONS
Anorexia, convalescence periods, malnutrition status, anemia, growth disorders, liver diseases, nephropathies without urinary retention, bone diseases (secondary nutritional hyperparathyroidism), fractures, hypoproteinemia. Glucocorticoid therapy of long duration.

FORMULA
100 ml. of the solution contains:
DL Carnitine HCl 7 g. / Stanozolol 0.4 g. / Cyproheptadine HCl 0 2 g. / Excipients q.s.

DOSAGE & ADMINISTRATION
Puppies and cats: 10 drops / day for 7 days, to be repeated every other week. ***Adult dogs:*** 20 drops / day for 7 days, to be repeated every other week.

CONTRAINDICATIONS
Do not administer to animals with interstitial nephritis and/or heart failure, due to the possibility of water and sodium retention (stanozolol effect). Anuria. Do not administer to pregnant females.

SIDE EFFECTS
Drowsiness. Risk of hepatotoxicity in prolonged treatments.

PRECAUTIONS
Senior animals, epilepsy, heart failure, pulmonary emphysema, prostate hypertrophy, bowel and urinary bladder obstruction, arrhythmia, myasthenia gravis and glaucoma.

CATS

ORAL ADMINISTRATION

POTENPET CATS

PHARMACEUTICAL FORM
1 dosing syringe containing 7 g.

DESCRIPTION
Revitalizing and energy-boosting biomodulator in palatable paste.

ACTION
Revitalizer. Energy booster. Antioxidant. Cellular regenerator. Methionine: It cooperates with fat metabolism, improving liver function. Being a natural heavy metal chelating agent, it protects the kidneys. It acidifies urine and improves fur and skin health. Taurine: It is essential for cats. Antioxidant and osmoregulatory function. Indispensable for the conjugation of bile acids. Nicotinamide: It improves the gastrointestinal and nervous system health. It helps maintain a healthy skin. Vitamin B1, B2, B6 & B12 complex: it protects the digestive, cardiac and nervous system health. It favors erythropoiesis.

INDICATIONS
Convalescence. Revitalization of senior cats. Anorexic cats. Anemia *(mycoplasma, FIV / FeLV, fleas, etc).* Stress and deficit conditions.

FORMULA
1 g. of palatable paste contains:
Methionine DL 50 mg./Taurine 20 mg./Nicotinamide 10 mg./ Vitamin B1 (Thiamine hydrochloride) 2.5 mg./ Vitamin B6 (Pyridoxine hydrochloride) 2.5 mg./ Vitamin B2 base 1.0 mg./ Vitamin B12 (cyanocobalamin) / 0.5 mg./Excipients q.s./ Flavored with cod liver oil, a source of Omega 3.

DOSAGE & ADMINISTRATION
1 ml. /g a day per animal.

CONTRAINDICATIONS
Do not administer to animals with hypersensitivity to any of its components.

DOGS
CATS

ORAL ADMINISTRATION

POTENPET

PHARMACEUTICAL FORM
Each package contains 3 blisters with 7 tablets each.

DESCRIPTION
Revitalizing supplement in palatable tablets.

ACTION
Antioxidant and cell regenerator. Metabolic enhancer. ***Methionine:*** it helps with fat metabolism at hepatic level, renal protection (heavy metal chelation agent, it intervenes in ammonium formation), lower urinary tract protection, it cooperates in keratin synthesis. ***Vitamin B1:*** it favors appetite, protects the heart, and improves nervous system functioning, cooperates in the digestive function and in the metabolism of lipids, proteins and nucleic acids. ***Vitamin B6:*** Absorption and metabolism of amino acids, it helps in erythropoiesis and lipid metabolism. ***Vitamin B12:*** it cooperates in the synthesis of DNA, RNA, proteins, neurotransmitters, and red blood cells. It energizes muscle fibers and cooperates in the maintenance of the myelin sheath of nerve cells. ***Vitamin E:*** Antioxidant, together with the selenium it protects the cellular membrane, cooperates in the maintenance of the immune system. It helps fight the detrimental effects of stress. ***Folic acid:*** it cooperates in the synthesis of DNA, RNA, proteins and red blood cells. It prevents fetal damage. ***Zinc gluconate:*** it favors the keratinization of hair and skin, cooperates in the maintenance of immunity and in the synthesis of proteins, nucleic acids, and vitamins. ***Ascorbic acid:*** Antioxidant, it fights the effects of stress. ***Nicotinamide:*** It helps in the maintenance of the gastrointestinal, skin and in nervous system health.

INDICATIONS
Recovery of convalescent animals and deficit conditions. It increases vitality in cases of adynamia, anorexia and muscle atrophy.

FORMULA
Each tablet contains:
Methionine 200 mg./ Ascorbic acid 150 mg./ Nicotinamide 50 mg./ Zinc gluconate 30 mg./ Vitamin E 25 mg./ Vitamin B1 10 mg./ Vitamin B6 10 mg./ Vitamin B12 6 mg./ Folic acid 0.10 mg./ Excipients q.s.

DOSAGE & ADMINISTRATION
Dogs up to 10 kg: 1/2 tablet a day. ***Dogs 10 a 30 kg:*** 1 tablet a day. ***Dogs above 30 kg:*** 2 tablets a day. ***Cats: 1/4 to 1/2 tablet a day.*** In case of animals resisting to take medication by oral route, the tablet can be crushed to powder and mixed with food.

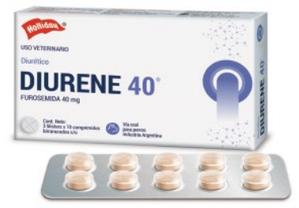
CONTRAINDICATIONS
Do not administer in animals with hypersensitivity to any of the main ingredients.

RESTRICTIONS OF USE
Hypersensitivity to any of the components.

DOGS

ORAL ADMINISTRATION

DIURENE 40



PHARMACEUTICAL FORM
Carton containing 3 blisters with 10 tablets each.

DESCRIPTION
Loop diuretic that acts along proximal and distal tubular segments. Tablets for oral administration.

ACTION
This loop diuretic also inhibits sodium, chloride and potassium reabsorption in the proximal and distal tubules, increasing water excretion.

INDICATIONS
Edema [pulmonary congestion; ascites] associated with heart failure and acute non-inflammatory tissue edema.
Treatment of electrolyte imbalance, like high calcium and potassium levels. Hypertension treatment.

FORMULA
Each tablet contains:
Furosemide 40 mg
Excipients q.s.

DOSAGE AND ADMINISTRATION
Dogs: 2 to 4 mg/kg every 8 to 12 hours [equivalent to 1 tablet every 20 or 10 kg respectively]. Adjust dose based on individual response.

CONTRAINDICATIONS
Hypersensitivity to furosemide. Dehydrated or anuric patients, electrolyte imbalance, liver disease.

SIDE EFFECTS
It may cause water-electrolyte imbalance.

RESTRICTIONS OF USE
Use with caution in advanced pregnancy. It is excreted in milk, however, its effects on nursing animals are unknown.

CAUTION
Offer a balanced diet and plenty of water to reduce the risk of electrolyte abnormalities and potassium depletion.

DOGS

ORAL ADMINISTRATION

TORACARD

PHARMACEUTICAL FORM
10 ml dropper bottle.

DESCRIPTION
Loop diuretic oral solution.

ACTION
Torasemide acts on the ascending limb of the loop of Henle. Loop diuretics inhibit Na+ -K + -2Cl transport from the luminal membrane.

INDICATIONS
To treat dogs with clinical signs of edema and effusion associated with congestive heart failure (CHF). For patients with hypertension in combination with other antihypertensives.

FORMULA
100 mL of solution contain:
Torasemide 0.6 g. / Excipientsq.s.

DOSAGE AND ADMINISTRATION
Each drop contains 0.2 mg. In mild cases, the recommended dose is 0.2 mg/kg, which is the equivalent to 1 drop per kilogram. In moderate to severe cases, the recommended dose is 0.4 mg/kg, which is the equivalent to 2 drops per kilogram. The presence of food in the digestive tract does not affect absorption. After clinical stabilization, continue at the lowest effective dose. For transition from furosemide to torasemide, the recommended initial dose is 0.2 to 0.3 mg/kg.

CONTRAINDICATIONS
Patients with hypersensitivity to torasemide. In cases of renal failure, dehydration, hypovolemia, and hypotension.

SIDE EFFECTS
It may increase the values of renal blood parameters. Polydipsia. Polyuria. Hemoconcentration. Renal failure. Dehydration (prolonged treatments). Electrolyte deficiency. Gastrointestinal disorders.

RESTRICTIONS OF USE
Its use during pregnancy and lactation is recommended only if therapeutic benefits outweigh potential risks.

CAUTION
Do not use with other loop diuretics.

NOTES

Rich in health

Nutrition *is one of the fundamental pillars to maintain and improve a patient's quality of life and it is essential for the comprehensive treatment of any disease. Therefore, prescribing adequate diets contributes for the welfare of dogs and cats. Although there are different proposals for the adequate feeding of compromised patients, there is only one real solution:* ***MV Prescribed Diets.***

Holliday Scott *is the only laboratory that exclusively produces prescribed foods especially designed to care for the main diseases found in the daily practice. This is our main differentiating factor, the most important thing considered by the thousands of outstanding professionals who understand this unique relationship between medicine and nutrition.*
We know how veterinarians think, what they need, and how they solve each case. We are by their side, designing unique, innovative, and responsible answers to preserve the health and happiness of each patient and their family.

Natural Support

When innovation adds benefits

We are constantly improving. Today we incorporate the ***Natural Support*** *concept as the key axis in all new* ***MV Prescribed Diets.*** *In each of our formulas, we add phytotherapeutic components that offer extensive treatment benefits with no adverse effects. These novel natural ingredients not only aid the pharmacological and/or surgical approaches made by veterinarians, but also provide better quality of life for those choosing* ***MV Prescribed Diets*** *preventively.*

Become familiar with our full line of ***Prescribed Diets MV*** *-* ***www.dietasmv.com.ar***

9-90-2330 A

www.holliday-scott.com