

Summary of Product Characteristics

1 NAME OF THE VETERINARY MEDICINAL PRODUCT

Kabergovet 50 microgram/ml oral solution for dogs and cats

2 QUALITATIVE AND QUANTITATIVE COMPOSITION

Each ml contains:

Active substance:

Cabergoline 50 µg

Excipients:

For the full list of excipients, see section 6.1.

3 PHARMACEUTICAL FORM

Oral solution

Pale yellow, viscous oily solution.

4 CLINICAL PARTICULARS

4.1 Target Species

Dogs, cats.

4.2 Indications for use, specifying the target species

Treatment of false pregnancy in bitches.

Suppression of lactation in bitches and queens.

4.3 Contraindications

Do not use in pregnant animals since the product may cause abortion.

Do not use with dopamine antagonists.

Cabergoline may induce transient hypotension in treated animals, do not use in animals concurrently being treated with hypotensive drugs. Do not use directly after surgery, whilst the animal is still under the influence of anaesthetic agents.

Do not use in cases of hypersensitivity to the active substance or to any of the excipients.

4.4 Special warnings for each target species

Additional supportive treatments should involve restriction of water and carbohydrate intake and increased exercise.

4.5 Special precautions for use

Special precautions for use in animals

The veterinary medicinal product should be administered with caution to animals with impaired liver function.

Special precautions to be taken by the person administering the veterinary medicinal product to animals

Wash hand after use. Avoid contact with skin and eyes. Wash of any splashes immediately.

Women of childbearing potential and breast-feeding woman should not handle the product or should wear impervious gloves when administering the product.

If you know you are hypersensitive to cabergoline or any of the other ingredients in the veterinary medicinal product, you should avoid contact with the product.

Do not leave unattended filled syringes in the sight and presence of children. In the event of accidental ingestion, particularly by a child, seek medical attention immediately and show package leaflet or label to the physician.

4.6 Adverse reactions (frequency and seriousness)

In very rare cases a transient hypotension may occur.

Possible adverse effects are:

- sleepiness
- anorexia
- vomiting

These adverse effects are usually of a moderate and transient nature.

Vomiting usually only occurs after the first administration. In this case treatment should not be stopped, since the vomiting is unlikely to reoccur after the following administrations.

In very rare cases allergic reactions may occur, such as oedema, urticaria, dermatitis and pruritus.

In very rare cases neurological symptoms may occur, such as sleepiness, muscle tremor, ataxia, hyperactivity and convulsions.

The frequency of adverse reactions is defined using the following convention:

- very common (more than 1 in 10 animals displaying adverse reactions during the course of one treatment)
- common (more than 1 but less than 10 animals in 100 animals)
- uncommon (more than 1 but less than 10 animals in 1,000 animals)
- rare (more than 1 but less than 10 animals in 10,000 animals)
- very rare (less than 1 animal in 10,000 animals, including isolated reports).

4.7 Use during pregnancy, lactation or lay

Cabergoline has the capacity to cause abortion in the later stages of pregnancy and should not be used in pregnant animals. Differential diagnosis between pregnancy and false pregnancy should be made correctly.

The product is indicated for the suppression of lactation: inhibition of prolactin secretion by cabergoline results in a rapid cessation of lactation and a reduction in the size of the mammary glands. The product should not be used in lactating animals unless suppression of lactation is required.

4.8 Interaction with other medicinal products and other forms of interactions

Since cabergoline exerts its therapeutic effect by direct stimulation of dopamine receptors, the product should not be administered concurrently with drugs which have dopamine antagonist activity (such as phenothiazines, butyrophenones, metoclopramide), as these might reduce its prolactin inhibiting effects.

Since cabergoline may induce transient hypotension, the product should not be used in animals concurrently treated with hypotensive drugs.

4.9 Amounts to be administered and administration route

The product should be administered orally either directly into the mouth or by mixing with food.

The dosage is 0.1 ml/kg bodyweight (equivalent to 5 microgram/kg bodyweight of cabergoline) once daily for 4-6 consecutive days, depending on the severity of the clinical condition.

If the signs fail to resolve after a single course of treatment, or if they recur after the end of treatment, then the course of treatment may be repeated.

The weight of treated animal should be accurately determined before administration.

How to withdraw the recommended volume from the bottle.

1. Remove the screw cap
2. Connect the supplied syringe to the flask
3. Turn the bottle upside-down to remove the liquid



4.10 Overdose (symptoms, emergency procedures, antidotes), if necessary

The experimental data indicate that a single overdose with cabergoline might result in an increased likelihood of post-treatment vomiting, and possibly an increase in post-treatment hypotension. General supportive measures should be undertaken to remove any unabsorbed drug and maintain blood pressure, if necessary. As an antidote, the parenteral administration of dopamine antagonist drugs such as metoclopramide might be considered.

4.11 Withdrawal period(s)

Not applicable.

5 PHARMACOLOGICAL or IMMUNOLOGICAL PROPERTIES

Pharmacotherapeutic group: prolactin inhibitor belonging to the ergoline derivative group which acts by dopamine agonist activity.

ATC vet code: QG02CB03

5.1 Pharmacodynamic properties

Cabergoline is an ergoline derivative. It has dopaminergic activity which leads to inhibition of prolactin secretion by the anterior pituitary. The mechanism of action of cabergoline was studied in *in vitro* and *in vivo* models. The most important details are outlined below:

- Cabergoline inhibits prolactin secretion by the pituitary gland and inhibits all prolactin dependent processes, such as lactation. Maximum inhibition is achieved after 4 to 8 hours and lasts several days depending on the administered dose.
- Cabergoline has no other effects on the endocrine system besides the inhibition of prolactin secretion.
- Cabergoline is a dopamine agonist in the central nervous system by selective interaction with the dopaminergic D2 receptors.
- Cabergoline has affinity for the noradrenergic receptors, however, this does not cause interference with the noradrenalin and serotonin metabolism.

Cabergoline is an emetic, like the other ergoline derivatives (in potency comparable to bromocriptine and pergolide).

5.2 Pharmacokinetic particulars

No pharmacokinetic data are available for the recommended dosing regimen in dogs and cats.

Pharmacokinetic studies in dogs were performed with a daily dose of 80 µg/kg bodyweight (16 times the recommended dose). Dogs were treated for 30 days; pharmacokinetic assessments made on day 1 and 28.

Absorption

- T_{max} = 1 hour on day 1 and 0.5-2 hours on day 28;
- C_{max} ranged from 1140 to 3155 pg/ml (mean 2147 pg/ml) on day 1 and from 455 to 4217 pg/ml (mean 2336 pg/ml) on day 28;
- AUC (0-24 h) on day 1 ranged from 3896 to 10216 pg.h.ml⁻¹ (mean 7056 pg.h/ml) and on day 28 from 3231 to 19043 pg.h/ml (mean 11137 pg.h/ml).

Elimination

- terminal plasma half-life in dogs on day 1 ~ 19 hours; on day 28 ~ 10 hours

6 PHARMACEUTICAL PARTICULARS

6.1 List of excipients

Triglycerides, medium-chain

6.2 Major incompatibilities

The veterinary medicinal product must not be mixed with other aqueous solutions (e.g. milk).

In the absence of compatibility studies, this veterinary medicinal product must not be mixed with other veterinary medicinal products.

6.3 Shelf-life

Shelf life of the veterinary medicinal product as packaged for sale: 30 months

Shelf life after first opening the immediate packaging: 28 days.

6.4 Special precautions for storage

Keep the container in the outer carton in order to protect from light.

6.5 Nature and composition of immediate packaging

Amber PET bottle of 15 ml capacity (containing 7 or 15 ml) closed by HDPE screw cap with LDPE plug and safety seal supplied with 3 ml PP oral syringe with HDPE plunger.

Package sizes:

Cardboard box with 1 x bottle (7 ml) and 1 oral syringe

Cardboard box with 1 x bottle (15 ml) and 1 oral syringe

Not all pack sizes may be marketed.

6.6 Special precautions for the disposal of unused veterinary medicinal products or waste materials derived from the use of such products

Any unused veterinary medicinal product or waste materials derived from such veterinary medicinal product should be disposed of in accordance with local requirements.

7 MARKETING AUTHORISATION HOLDER

Vet-Agro Multi-Trade Company Sp z o.o.

Gliniana 32

20-616 Lublin

Poland

8 MARKETING AUTHORISATION NUMBER(S)

VPA20742/007/001

9 DATE OF FIRST AUTHORISATION/RENEWAL OF THE AUTHORISATION

Date of first authorisation: 05 February 2021

10 DATE OF REVISION OF THE TEXT