PACKAGE LEAFLET

Advocate

Name of the veterinary medicinal product

Advocate 40 mg + 10 mg spot-on solution for small dogs (≤ 4 kg)

Advocate 100 mg + 25 mg spot-on solution for medium dogs (> 4–10 kg)

Advocate 250 mg + 62.5 mg spot-on solution for large dogs (> 10–25 kg)

Advocate 400 mg + 100 mg spot-on solution for extra-large dogs (> 25–40 kg)

Composition

Each unit dose (pipette) contains:

	Unit Dose	Imidacloprid	Moxidectin
Advocate for small dogs (≤ 4 kg)	0.4 ml	40 mg	10 mg
Advocate for medium dogs (> 4–10 kg)	1.0 ml	100 mg	25 mg
Advocate for large dogs (> 10–25 kg)	2.5 ml	250 mg	62.5 mg
Advocate for extra-large dogs (> 25–40 kg)	4.0 ml	400 mg	100 mg

Excipients:

Benzyl alcohol (E1519), 1 mg/ml Butylhydroxytoluene (E321), Propylene carbonate

Clear yellow to brownish solution.

Target species

Dogs

Indications for use

For dogs suffering from, or at risk from, mixed parasitic infections. The veterinary medicinal product is only indicated when use against fleas and one or more of the other target parasites is indicated at the same time:

- the treatment and prevention of flea infestation (*Ctenocephalides felis*),
- the treatment of biting lice (*Trichodectes canis*),
- the treatment of ear mite infestation (*Otodectes cynotis*), sarcoptic mange (caused by *Sarcoptes scabiei* var. *canis*), demodicosis (caused by *Demodex canis*),
- the prevention of heartworm disease (L3 and L4 larvae of *Dirofilaria immitis*),
- the treatment of circulating microfilariae (*Dirofilaria immitis*),
- the treatment of cutaneous dirofilariosis (adult stages of *Dirofilaria repens*),
- the prevention of cutaneous dirofilariosis (L3 larvae of *Dirofilaria repens*),
- the reduction of circulating microfilariae (*Dirofilaria repens*),
- the prevention of angiostrongylosis (L4 larvae and immature adults of *Angiostrongylus vasorum*),
- the treatment of *Angiostrongylus vasorum* and *Crenosoma vulpis*,
- the prevention of spirocercosis (*Spirocerca lupi*),
- the treatment of *Eucoleus* (syn. *Capillaria*) *boehmi* (adults),
- the treatment of the eye worm *Thelazia callipaeda* (adults),
- the treatment of infections with gastrointestinal nematodes (L4 larvae, immature adults and adults of *Toxocara canis*, *Ancylostoma caninum* and *Uncinaria stenocephala*, adults of *Toxascaris leonina* and *Trichuris vulpis*).

The veterinary medicinal product can be used as part of a treatment strategy for flea allergy dermatitis (FAD).

Contraindications

Do not use in puppies under 7 weeks of age.

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

Do not use in dogs classified as Class 4 for heartworm disease as the safety of the veterinary medicinal product has not been evaluated in this animal group.

Do not use in cats. Instead, the corresponding "Advocate for cats" product (0.4 or 0.8 ml), which contains 100 mg/ml imidacloprid and 10 mg/ml moxidectin, must be used for cats.

Do not use in ferrets. Only "Advocate for small cats and ferrets" (0.4 ml) must be used for ferrets.

Do not use on canaries.

Special warnings

Special warnings:

Brief contact of the animal with water on one or two occasions between monthly treatments is unlikely to significantly reduce the efficacy of the veterinary medicinal product. However, frequent shampooing or immersion of the animal in water after treatment may reduce the efficacy of the veterinary medicinal product.

Unnecessary use of antiparasitics or use deviating from the instructions given in the Package Leaflet may increase the resistance selection pressure and lead to reduced efficacy. The decision to use the product should be based on confirmation of the parasitic species and burden, or of the risk of infestation based on its epidemiological features, for each individual animal. The possibility that other animals in the same household can be a source of re-infection with fleas, mites, gastrointestinal nematodes, heartworm and/or lungworm should be considered, and these should be treated as necessary with an appropriate product.

Efficacy against adult *Dirofilaria repens* has not been tested under field conditions.

Special precautions for safe use in the target species:

The treatment of animals weighing less than 1 kg should be based on a benefit-risk assessment.

There is limited experience on the use of the veterinary medicinal product in sick and debilitated animals, thus the veterinary medicinal product should only be used based on a benefit-risk assessment for these animals.

Do not apply in the mouth, in the eyes or the ears of the animal.

Care should be taken that the veterinary medicinal product is not ingested by animals and does not come into contact with the eyes or mouth of the recipient and/or other animals.

Consider carefully the correct application method described in the "Advice on correct administration" section, especially that the veterinary medicinal product should be applied to the site specified in order to minimise the risk for the animal to lick the veterinary medicinal product.

Do not allow recently treated animals to groom each other. Do not allow treated animals to come into contact with untreated animals until the application site is dry.

When the veterinary medicinal product is applied in 3 to 4 separate spots (see the "Advice on correct administration section"), specific care should be taken to prevent the animal licking the application sites.

This veterinary medicinal product contains moxidectin (a macrocyclic lactone), therefore special care should be taken with Collie or Old English Sheep dogs and related breeds or crossbreeds, to correctly administer the veterinary medicinal product as described under the "Advice on correct administration section", in particular, oral uptake by Collie or Old English Sheep dogs and related breeds or crossbreeds should be prevented.

The safety of the veterinary medicinal product has only been evaluated in dogs classified as either Class 1 or 2 for heartworm disease in laboratory studies and in a few Class 3 dogs in a field study. Therefore, the use in dogs with obvious or severe symptoms of the disease should be based on a careful benefit-risk assessment by the treating veterinarian.

Although experimental overdosage studies have shown that the veterinary medicinal product may be safely administered to dogs infected with adult heartworms, it has no therapeutic effect against adult *Dirofilaria immitis*. It is therefore recommended that all dogs 6 months of age or more, living in areas endemic for heartworm, should be tested for existing adult heartworm infection before being treated with the veterinary medicinal product. At the discretion of the veterinarian, infected dogs should be treated with an adulticide to remove adult heartworms. The safety of the veterinary medicinal product has not been evaluated when administered on the same day as an adulticide.

Imidacloprid is toxic for birds, especially canaries.

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

This veterinary medicinal product can cause skin, eye, or mouth irritation.

In very rare cases the veterinary medicinal product may cause skin sensitisation or transient skin reactions (for example numbness, irritation or burning/tingling sensation).

In very rare cases the veterinary medicinal product may cause respiratory irritation in sensitive individuals.

People with known hypersensitivity to benzyl alcohol, imidacloprid or moxidectin should administer the veterinary medicinal product with caution.

Avoid contact with skin, eyes or mouth.

Do not eat, drink or smoke during application.

Wash hands thoroughly after use.

After application do not stroke or groom animals until the application site is dry.

In case of accidental spillage onto skin, wash off immediately with soap and water.

If the veterinary medicinal product accidentally gets into eyes, they should be thoroughly flushed with water.

If skin or eye symptoms persist, or the veterinary medicinal product is accidentally swallowed, seek medical advice immediately and show the package leaflet or the label to the physician.

Special precautions for the protection of the environment:

The veterinary medicinal product should not enter water courses as imidacloprid and moxidectin may have harmful effects on aquatic organisms. Dogs should not be allowed to swim in surface waters for 4 days after treatment.

Other precautions:

The solvent in the veterinary medicinal product may stain or damage certain materials including leather, fabrics, plastics and finished surfaces. Allow the application site to dry before permitting contact with such materials.

Pregnancy and lactation:

The safety of the veterinary medicinal product has not been established during pregnancy and lactation in the target species.

The use is not recommended during pregnancy and lactation.

Fertility:

Do not use in breeding animals.

Interaction with other medicinal products and other forms of interaction:

During treatment with the veterinary medicinal product no other antiparasitic macrocyclic lactone should be administered.

No interactions between the veterinary medicinal product and routinely used veterinary medicinal products or medical or surgical procedures have been observed.

Safety of the veterinary medicinal product when administered on the same day as an adulticide to remove adult heartworms has not been evaluated.

Overdose:
Up to 10 times the recommended dose was tolerated in adult dogs with no evidence of adverse effects or undesirable clinical signs. Five times the recommended minimum dose applied at weekly intervals for 17 weeks was investigated in dogs aged over 6 months and tolerated with no evidence of adverse effects or undesirable clinical signs.

The veterinary medicinal product was administered to puppies at up to 5 times the recommended dose, every 2 weeks for 6 treatments, and there were no serious safety concerns. Transient mydriasis, salivation, vomiting and transient rapid respiration were observed.

After accidental oral ingestion or overdose, neurological signs (most of which are transient) such as ataxia, generalised tremors, ocular signs (dilated pupils, little pupillary reflex, nystagmus), abnormal respiration, salivation and vomiting may occur in very rare cases.

Ivermectin-sensitive Collie dogs tolerated up to 5 times the recommended dose repeated at monthly intervals without any adverse effects, but the safety of application at weekly intervals has not been investigated in ivermectin-sensitive Collie dogs. When 40% of the unit dose was given orally, severe neurological signs were observed. Oral administration of 10% of the recommended dose produced no adverse effects.

Dogs infected with adult heartworms tolerated up to 5 times the recommended dose, every 2 weeks for 3 treatments, without any adverse effects.

In case of accidental oral uptake, symptomatic treatment should be administered. There is no known specific antidote. The use of activated charcoal may be beneficial.

Adverse events

Dogs:

Common (1 to 10 animals / 100 animals treated):
Diarrhoea[1], Vomiting[1] Cough[1], Dyspnoea[1], Tachypnoea[1] Inappetence[1], Lethargy[1]
Rare (1 to 10 animals / 10,000 animals treated):
Vomiting
Very rare (<1 animal / 10,000 animals treated, including isolated reports):
Application site greasy fur[2], Application site hair loss[2], Application site itching[2], Application site reddening[2] Behavioural disorder (e.g. agitation)[3] Hypersalivation[4] Neurological signs (e.g. ataxia, muscle tremor)[5] Pruritus Inappetence[3], Lethargy[3]

[1] These signs are common in heartworm positive dogs with microfilaraemia, and there is a risk of gastrointestinal signs and severe respiratory signs that may require prompt veterinary treatment.
[2] These signs disappear without further treatment.
[3] Transiently noted and related to sensation at application site.
[4] This is not a sign of intoxication and disappears within minutes without treatment. Correct application will minimise licking of the application site.
[5] Most neurological signs occur transiently.

Reporting adverse events is important. It allows continuous safety monitoring of a product. If you notice any side effects, even those not already listed in this package leaflet, or you think that the medicine has not worked, please contact, in the first instance, your veterinarian. You can also report any adverse events to the marketing authorisation holder using the contact details at the end of this leaflet, or via your national reporting system at:

Ireland
HPRA Pharmacovigilance. Website:
https://www.hpra.ie/homepage/about-us/report-an-issue/veterinary-medicines-adverse-reaction

United Kingdom (GB and Northern Ireland)
Website:
https://www.gov.uk/report-veterinary-medicine-problem/animal-reacts-medicine
e-mail: adverse.events@vmd.gov.uk

Dosage for each species, routes and method of administration

External use.

To ensure a correct dosage, body weight should be determined as accurately as possible.

Dosage schedule

The recommended minimum doses are 10 mg/kg bodyweight imidacloprid and 2.5 mg/kg bodyweight moxidectin, equivalent to 0.1 ml/kg bodyweight of the veterinary medicinal product.

For treatment or prevention of infestations with the parasites indicated for use of this veterinary medicinal product, the need for and frequency of re-treatment(s) should be based on professional advice and should take into account the local epidemiological situation and the animal's lifestyle.

Weight of dog [kg]	Pipette size to be used	Volume [ml]	Imidacloprid [mg/kg bw]	Moxidectin [mg/kg bw]
≤ 4 kg	Advocate for small dogs	0.4	minimum of 10	minimum of 2.5
> 4–10 kg	Advocate for medium dogs	1.0	10–25	2.5–6.25
> 10–25 kg	Advocate for large dogs	2.5	10–25	2.5–6.25
> 25–40 kg	Advocate for extra-large dogs	4.0	10–16	2.5–4
> 40 kg	the appropriate combination of pipettes			

Flea treatment and prevention (Ctenocephalides felis)

One treatment prevents future flea infestation for 4 weeks. Existing pupae in the environment may emerge for 6 weeks or longer after treatment is initiated depending upon climatic conditions.

Therefore, it may be necessary to combine veterinary medicinal product treatment with environmental treatments aimed at breaking the flea life cycle in the surroundings. This can result in a more rapid reduction in the household flea population. The veterinary medicinal product should be administered at monthly intervals when used as part of a treatment strategy for flea allergy dermatitis.

Treatment of biting lice (Trichodectes canis)

A single dose should be administered. A further veterinary examination 30 days after treatment is recommended as some animals may require a second treatment.

Treatment of ear mite infestation (Otodectes cynotis)

A single dose of the veterinary medicinal product should be administered. Loose debris should be gently removed from the external ear canal at each treatment. A further veterinary examination 30 days after treatment is recommended as some animals may require a second treatment. Do not apply directly to the ear canal.

Treatment of sarcoptic mange (caused by Sarcoptes scabiei var. *canis)*

A single dose should be administered twice 4 weeks apart.

Treatment of demodicosis (caused by Demodex canis)

The administration of a single dose every 4 weeks for 2 to 4 months is efficacious against *Demodex canis* and leads to a marked improvement of clinical signs particularly in mild to moderate cases. Especially severe cases may require more prolonged and more frequent treatment. To achieve the best possible response in these severe cases, at the discretion of the veterinarian, the veterinary medicinal product can be applied once a week and for a prolonged time. In all cases it is essential that the treatment should be continued until skin scrapings are negative on at least 2 consecutive monthly occasions. Treatment should be stopped in dogs that show no improvement or do not respond in mite count after 2 months treatment. Alternative treatment should be administered. Seek the advice of your veterinarian.

As demodicosis is a multi-factorial disease, where possible, it is advisable to also treat any underlying disease appropriately.

Prevention of heartworm disease (D. immitis)

Dogs in areas endemic for heartworm, or those which have travelled to endemic areas, may be infected with adult heartworms. Therefore prior to treatment with the veterinary medicinal product, the advice provided in "Special warnings" section should be considered.

For prevention of heartworm disease, the veterinary medicinal product must be applied at regular monthly intervals during the time of the year when mosquitoes (the intermediate hosts which carry and transmit
D. immitis larvae) are present. The veterinary medicinal product may be administered throughout the year.

The first dose may be given after first possible exposure to mosquitoes, but not more than one month after this exposure. Treatment should continue at regular monthly intervals until 1 month after the last exposure to mosquitoes. To establish a treatment routine, it is recommended that the same day or date be used each month. When replacing another heartworm preventative product in a heartworm prevention programme, the first treatment with the veterinary medicinal product must be given within 1 month of the last dose of the former medication.

In non-endemic areas there should be no risk of dogs having heartworm. Therefore, they can be treated without special precautions.

Prevention of cutaneous dirofilariosis (skinworm) (D. repens)

For prevention of cutaneous dirofilariosis, the veterinary medicinal product must be applied at regular monthly intervals during the time of the year when mosquitoes (the intermediate hosts which carry and transmit
D. repens larvae) are present. The veterinary medicinal product may be administered throughout the year or at least 1 month before the first expected exposure to mosquitoes. Treatment should continue at regular monthly intervals until 1 month after the last exposure to mosquitoes. To establish a treatment routine, it is recommended that the same day or date be used each month.

Treatment of microfilariae (D. immitis)

The veterinary medicinal product should be administered monthly for two consecutive months.

Treatment of cutaneous dirofilariosis (skinworm) (adult stages of Dirofilaria repens)

The veterinary medicinal product should be administered monthly for six consecutive months.

Reduction of microfilariae (skinworm) (D. repens)

The veterinary medicinal product should be administered monthly for four consecutive months.

Treatment and prevention of Angiostrongylus vasorum

A single dose should be administered. A further veterinary examination 30 days after treatment is recommended as some animals may require a second treatment.

In endemic areas regular monthly applications will prevent angiostrongylosis and patent infection with *Angiostrongylus vasorum*.

Treatment of Crenosoma vulpis

A single dose should be administered.

Prevention of spirocercosis (Spirocerca lupi)

The veterinary medicinal product should be administered monthly.

Treatment of Eucoleus (syn. Capillaria) boehmi (adults)
The veterinary medicinal product should be administered monthly for two consecutive months. It is advisable to prevent auto-coprophagia between the two treatments in order to prevent possible reinfection.

Treatment of the eye worm Thelazia callipaeda (adults)
A single dose of the veterinary medicinal product should be administered.

Roundworm, hookworm and whipworm treatment (Toxocara canis, Ancylostoma caninum, Uncinaria stenocephala, Toxascaris leonina and Trichuris vulpis)
In areas endemic for heartworm, monthly treatment may significantly reduce the risk of re-infection caused by the respective round-, hook- and whipworms. In areas non-endemic for heartworm, the veterinary medicinal product can be used as part of a seasonal prevention programme against fleas and gastrointestinal nematodes.

Studies have shown that monthly treatment of dogs will prevent infections caused by *Uncinaria stenocephala*.

Advice on correct administration
Remove one pipette from the package. Then hold the pipette in an upright position, and twist and pull off the cap. Reverse the cap and use it to twist and remove the seal from the pipette, as shown in figure 1.

For dogs up to 25 kg:
With the dog in a standing position, part the coat between the shoulder blades until the skin is visible. Wherever possible apply to undamaged skin. Place the tip of the pipette on the skin and squeeze the pipette firmly several times to empty its contents directly onto the skin as shown in figure 2.

For dogs of more than 25 kg:
For easy application the dog should be standing. The entire contents of the pipette should be applied evenly as 3 or 4 spots along the top of the back, from between the shoulders to the base of the tail as shown in figure 3.
At each spot part the coat until the skin is visible. Wherever possible apply to undamaged skin. Place the tip of the pipette on the skin and gently squeeze the pipette to expel a portion of its contents directly onto the skin. Do not apply an excessive amount of solution at any one spot, as that could cause some of the veterinary medicinal product to run down the animal's side.

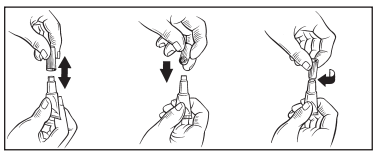

Figure 1

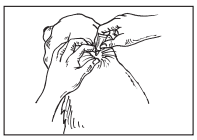

Figure 2

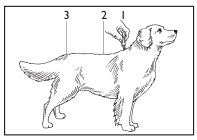

Figure 3

Withdrawal periods
Not applicable.

Special storage precautions
Keep out of the sight and reach of children.

Do not store above 30 °C.

Do not use this veterinary medicinal product after the expiry date which is stated on the label and carton. The expiry date refers to the last day of that month.

Special precautions for disposal
Medicines should not be disposed of via wastewater or household waste.

The veterinary medicinal product should not enter water courses as moxidectin and imidacloprid may be dangerous for fish and other aquatic organisms.

Use take-back schemes for the disposal of any unused veterinary medicinal product or waste materials derived thereof in accordance with local requirements and with any applicable national collection systems applicable to the veterinary medicinal product concerned.

These measures should help to protect the environment.

Ask your veterinary surgeon or pharmacist how to dispose of medicines no longer required.

Classification of veterinary medicinal products
Veterinary medicinal product subject to prescription.

MARKETING AUTHORISATION NUMBERS AND PACK SIZES
EU/2/03/039/005-012, EU/2/03/039/015-018, EU/2/03/039/023-030, EU/2/03/039/039-054

Pack sizes:
Cardboard box containing a total of 1, 2, 3, 4, 6, 9, 12, 21 or 42 unit dose pipettes in one or more blister sheets. Each unit dose pipette contains 0.4 ml, 1.0 ml, 2.5 ml and 4.0 ml of solution.

Not all pack sizes may be marketed.

Date on which the package leaflet was last revised
01/2025

Detailed information on this veterinary medicinal product is available in the Union Product Database (https://medicines.health.europa.eu/veterinary).

Contact details
Marketing authorisation holder and contact details to report suspected adverse reactions:
Elanco Animal Health GmbH
Alfred-Nobel-Stra. 50
40789 Monheim
Germany

Ireland
+44 3308221732
PV.IRL@elancoah.com

UK (Northern Ireland)
+44 3308221732
PV.XXI@elancoah.com

UK (GB)
PV.GBR@elancoah.com
+443308221732

Malta
TEL: +3618088530
PV.MLT@elancoah.com

Manufacturer responsible for batch release:
KVP Pharma + Veterinär Produkte GmbH, Projensdorfer Str. 324, 24106 Kiel, Germany.

Other information
Imidacloprid is effective against larval flea stages and adult fleas. Flea larvae in the pet's surroundings are killed after contact with a pet treated with the veterinary medicinal product.

Moxidectin has a persistent action and protects dogs for 4 weeks after a single application against re-infection with the following parasites: *Dirofilaria immitis*, *Dirofilaria repens*, *Angiostrongylus vasorum*.

Studies evaluating the pharmacokinetic behaviour of moxidectin after multiple applications have indicated that steady state serum levels are achieved following approximately 4 consecutive monthly treatments in dogs.

IE – **POM** (Prescription only)

UK (GB & NI) – POM-V

UK(GB)

Advocate Spot-on Solution	MA Number
for Small Dogs	Vm 04895/5005
for Medium Dogs	Vm 04895/5003
for Large Dogs	Vm 04895/5002
for Extra-Large Dogs	Vm 04895/5000

Find more product information by searching for the 'Product Information Database' on www.gov.uk.

PRODUCT INFO

BLUE #:	550124As
Item Code:	PA550124X
Product Code:	N/A
Previous Item Code:	90212526
Product Name:	Advocate SO Solution for Dogs

REVISION CHECK - QO / SO*

REVISION

- TVT completed (if applicable)
- PDF Compare completed (if applicable)
- Proof # is updated and correct
- File name is updated and correct

By/Date		
	SO	N/A
	QO	N/A

*The studio operator and/or quality operator will replicate any checks necessary from the Primary Check.

PRIMARY CHECK - QO / SO

LEGEND

- BLUE #, Item Code, Previous Item Code, Product Code and Product Name match approved production component
- Proof # is correct

CONTENT

- Wiki checked for site and/or product specific information
- Colour separations in Output Preview are correct

TECHNICAL

- TVT completed (if applicable)
- PDF Compare completed (if applicable)
- Item code present on artwork and matches Artwork Legend
- Native file / PDF named correctly

By/Date		
	SO	CY / 04-JUN-2025
	QO	**CC / 06-JUN-2025**