Cardalis contains benazepril and spironolactone  
Nelio contains benazepril  
Prilactone contains spironolactone  

For further information on contraindications, warnings and side-effects, read the product SPC or data sheet.

Use medicines responsibly (www.noah.co.uk/responsible)

For further information contact
Ceva Animal Health Ltd
Unit 3, Anglo Office Park, White Lion Road, Amersham, Bucks HP7 9FB
Tel: 01494 781510  www.ceva.co.uk
Furosemide to eliminate signs of congestion

ACVIM 2009 recommendations

The ACVIM consensus group recommend using furosemide from stage C of CVHD.°°

Using furosemide in practice

When?

As soon as the dog shows signs of congestion such as oedema.

Clinical examination

- Auscultation: Presence of heart murmur with or without cough
- Increased respiratory effort and/or dyspnoea
- Sleeping respiratory rate higher than 30 breaths per minute.°°

Suspicion of oedema

at the time of clinical examination

A thoracic radiograph should be done to confirm the diagnosis.°°

Treatment with Furosemide to:

- Resolve oedema
- Resolve dyspnoea
- Reduce respiratory rate

Flexible dosage for precise treatment

Long term use of furosemide

The dosage of furosemide should be adjusted to keep patients free from clinical signs, the optimal dose being the lowest effective dose.°°,°° Using the lowest effective dose helps to reduce the risk of side-effects that lower quality of life as perceived by the pet owner, including inuring in the home, restlessness at night, sub-clinical dehydration and reduced responsiveness to furosemide.

To determine this Minimum Effective Dose (MED), the dosage is reduced progressively (every week, as shown in the example below). The owner should monitor the dog’s resting respiratory rate every day. When the respiratory rate increases, it means that the MED must be increased.

Libeo: the easy to use furosemide

4-way break tablets:

- Optimal management of the minimum effective dose.
- Precise dosage at each stage of the disease.
- Improved quality of life.

Specifically formulated for the vet market

- Chicken flavoured to make dosing even easier.
- Optimised pet owner compliance with your recommendations.
- Suitable for even the smallest of patients.

Long term use in dogs with CHF.°°,°°

Furosemide activates the Renin-Angiotensin-Aldosterone System (RAAS) when given alone. Therefore when used chronically it should be used with other treatments, such as an ACE Inhibitor and spironolactone to prevent harmful effects caused by the RAAS.°°,°°,°°,°°,°°,°° Aldosterone levels in furosemide-treated dogs have been shown to increase by up to 3x. This can cause additional fibrosis of the heart muscle.

Libeo® 10mg
other furosemide 10mg

Controlled reduction in MED using Libeo quarters compared to a tablet that is halved

MED reduced weekly as clinical signs improve. At 12 weeks, the respiratory rate increases, it means that the MED must be increased.