DÔMES PHARMA

MANAGING **DRY EYE DISEASE**

A PRACTICAL GUIDE FOR VETS

TAKE A CLOSER LOOK AT PET OWNERS' PERCEPTIONS ON DRY EYE[1]

56%
thought Dry Eye was curable

34%
of owners have not heard of Dry Eye

Nearly a quarter
23%
of owners stated their pets suffer with Dry Eye

9%
of owners confirmed they are not aware of any potential complications of not treating Dry Eye in their pets

DRY EYE DISEASE (DED)

The aetiology of DED is complex and results from a failure of one or more components of the tear film system, that is, the system responsible for production, distribution and drainage of the precorneal tear film.

The true prevalence of DED is hard to ascertain because of underdiagnosing. However, some risk factors have been clearly identified as connected to DED, and should be seen by GP vets as red flags prompting them to further investigate DED as a possible cause.

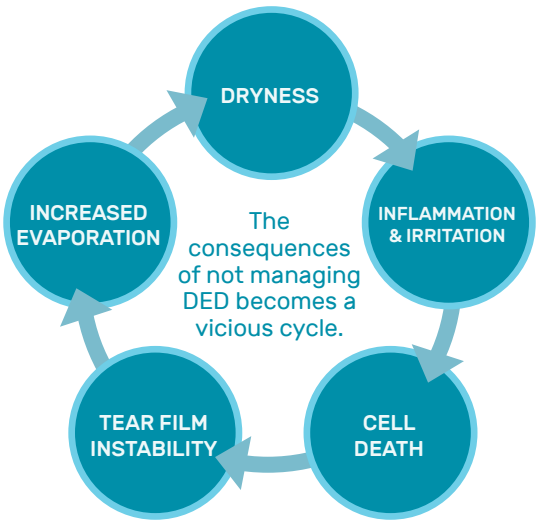
Those risk factors can be categorised as follows:

- **Breed** - Some breeds are more predisposed than others including brachycephalics
- **Age** - DED is often seen in patients over 5.5 years old
- **Systemic disease** - Metabolic diseases e.g. Diabetes mellitus can contribute to DED

THE CONSEQUENCES OF DRY EYE DISEASE:

Once diagnosed, appropriate management and owner education is essential to maintain eye health. Ciclosporin and tear supplements should always be used as a 1st line treatment and ongoing management of dry eye disease.

Involvement of the owner is essential in the management of DED: teaching them good practices of eye cleaning and treatment administration is essential. Make sure they understand improvement can take several weeks, and treatment will often be life-long.



DED: QUICK REFERENCE GUIDE

ASSESS TEAR QUALITY

↓

TEAR FILM BREAK UP TIME (TFBUT)

↓

EXPECTED VALUES
Dog 20 seconds
Cats 17 seconds

ASSESS TEAR QUANTITY

↓

SCHIRMER TEAR TEST (STT-1)

↓

EXPECTED VALUES
Dog
<5mm/min
(severe KCS)
>15mm/min
(normal)
5-15mm/min
(lower than normal, asses clinical signs)
Cats can have variable results

INITIAL MANAGEMENT

1
Topical ciclosporin (0.2%) ointment – twice daily

2
Ocular lubricant - hyaluronic acid e.g. **Remend® 0.4 Dry Eye Lubricant**

3
Topical antibiotics as required

4
Cleaning and flushing of the ocular surface and peri-ocular debris as required e.g. **Ocryl®**

Monitor regularly, and assess management on an ongoing basis.

THE BENEFITS OF REMEND® 0.4 DRY EYE LUBRICANT

CROSS-LINKED HYALURONIC ACID

- Preservative Free
- 10ml droppers for chronic use
- 3 year unopen shelf life, 30 day open

WHY CROSS-LINK?

- Enhanced corneal retention time
- **Up to 5x longer** than a linear HA[2]

SHOWN TO RELIEVE THE SIGNS OF DRY EYES[3]

- With just **1 drop twice daily**
- Aids compliance

BREAKING THE CYCLE OF DED:
HYALURONIC ACID RELIEVES THE CONSEQUENCES OF DRY EYE.

MORE INFORMATION

To help you maximise eye health in practice and to aid in the compliance and education of pet owners, Dômes Pharma provides a range of materials.

Vet focused materials

- Dry Eye webinar mini series
- Dry Eye CPD case study
- Dry Eye Guideline

Pet owner materials

- Dry Eye leaflet
- Waiting room poster
- Social media toolkit

Scan to visit domespharma.co.uk for more information on Dry Eye

1. 1000 pet owners surveyed. Conducted by 3 GEM on behalf of Dômes Pharma. 2024.
2. Grego, A.L., Fankhauser, A.D., Behan, E.K. et al. Comparative fluorophotometric evaluation of the ocular surface retention time of cross-linked and linear hyaluronic acid ocular eye drops on healthy dogs. Vet Res Commun 48, 4191–4199 (2024)
3. Williams, D.L. and Mann, B.K., 2013. A crosslinked HA based hydrogel ameliorates dry eye symptoms in dogs. International journal of biomaterials, 2013(1), p.460437.

Remend is a topical hygiene product for animals. ®Registered trademark of Dômes Pharma. Dômes Pharma is the trading name of TVM UK Animal Health Ltd, Kirtlington Business Centre, Slade Farm, Kirtlington, Oxfordshire, UK. OX5 3JA. 0800 0385868 www.domespharma.co.uk help@domespharma.com.