

Protocol

Feline Herpetic Keratitis: Feline Omega Interferon Protocol

EYE DROPS: feline omega interferon
1-2 drops per sick eye
5 times a day, for **15 days minimum**
+ 8 days of antibiotic eye drops

Followed by:
**3 times a day, for
15 days
minimum**



D0

D1

D2

Dn

D15

D16

D17

D30

Time

**1 month treatment minimum
(in order to avoid relapses)**



5 MU rFelFN- ω diluted in 9,5 mL
of 0,9% NaCl (0,5 MU/mL)

Storage of the product:

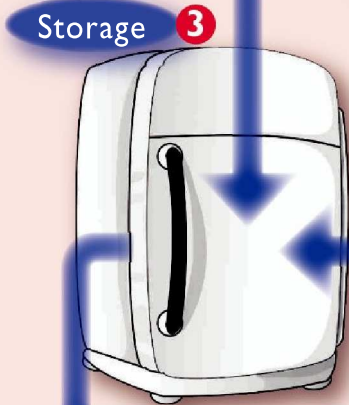
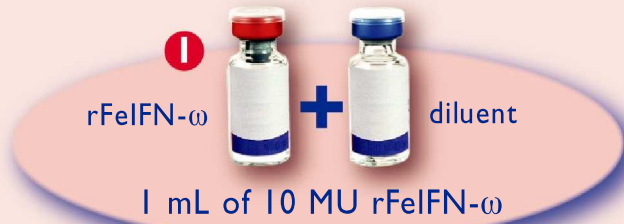
BENEFITS:

- Efficacy in both primary stage of infection & viral reactivation
- Quick improvement of symptoms (except for corneal opacity which can persist)
- Excellent local tolerance

*References:

- Richter M. et al. (2003)
Activity of topically and orally applied interferon omega in cats by Mx-protein expression in conjunctival and white blood cells. *In Proceedings of ACVO, October 2003, Idaho, USA.*
- Richter M. et al. (2006)
Activity of feline omega interferon after ocular or oral administration in cats as indicated by Mx protein expression in conjunctival and white blood cells. *Am. J. Vet. Res.* 67, 1025-32.
- Schmidt-Morand D. and Jongh O. (2003)
Kératite Herpétique chez le chat: conduite thérapeutique et résultats. *In Proceedings of AFVAC congress, 21-23 Nov. 2003, Nantes, France.*
- Truyen U. et al. (2002)
A study of the antiviral activity of interferon omega against selected canine and feline viruses. *Der Praktische Tierarzt*, 10, 862-865.
- Verneuil M. (2004)
Topical application of feline omega interferon in feline herpetic keratitis: preliminary study. *In Proceedings of International Veterinary Ophthalmology Meeting.*

Dilution & Storage of Feline Omega Interferon:



1
Rehydration of rFelFN- ω with its diluent

2
Solution divided into 2 syringes of 0.5 mL of 5 MU each

3
Syringes can be stored in the freezer up to 6 months or in the fridge at +4°C up to 3 weeks

4
1 syringe is thawed and diluted into 9.5 mL of sterile saline solution NaCl 0.9 % 1/20 dilution

5
Interferon eye drops at 0,5 MU/mL

6
Local administration: 1 to 2 drops per sick eye 3 to 5 times a day for 30 days

7
Eye drops can be stored in the fridge at +4°C up to 3 weeks

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