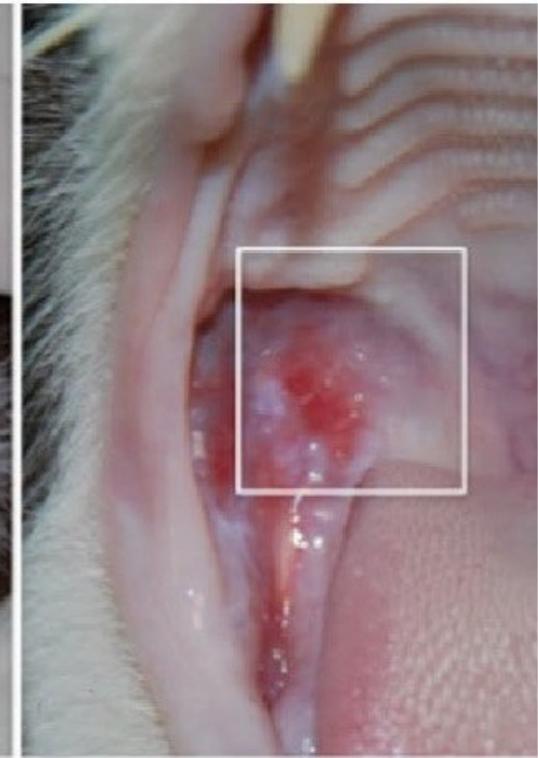


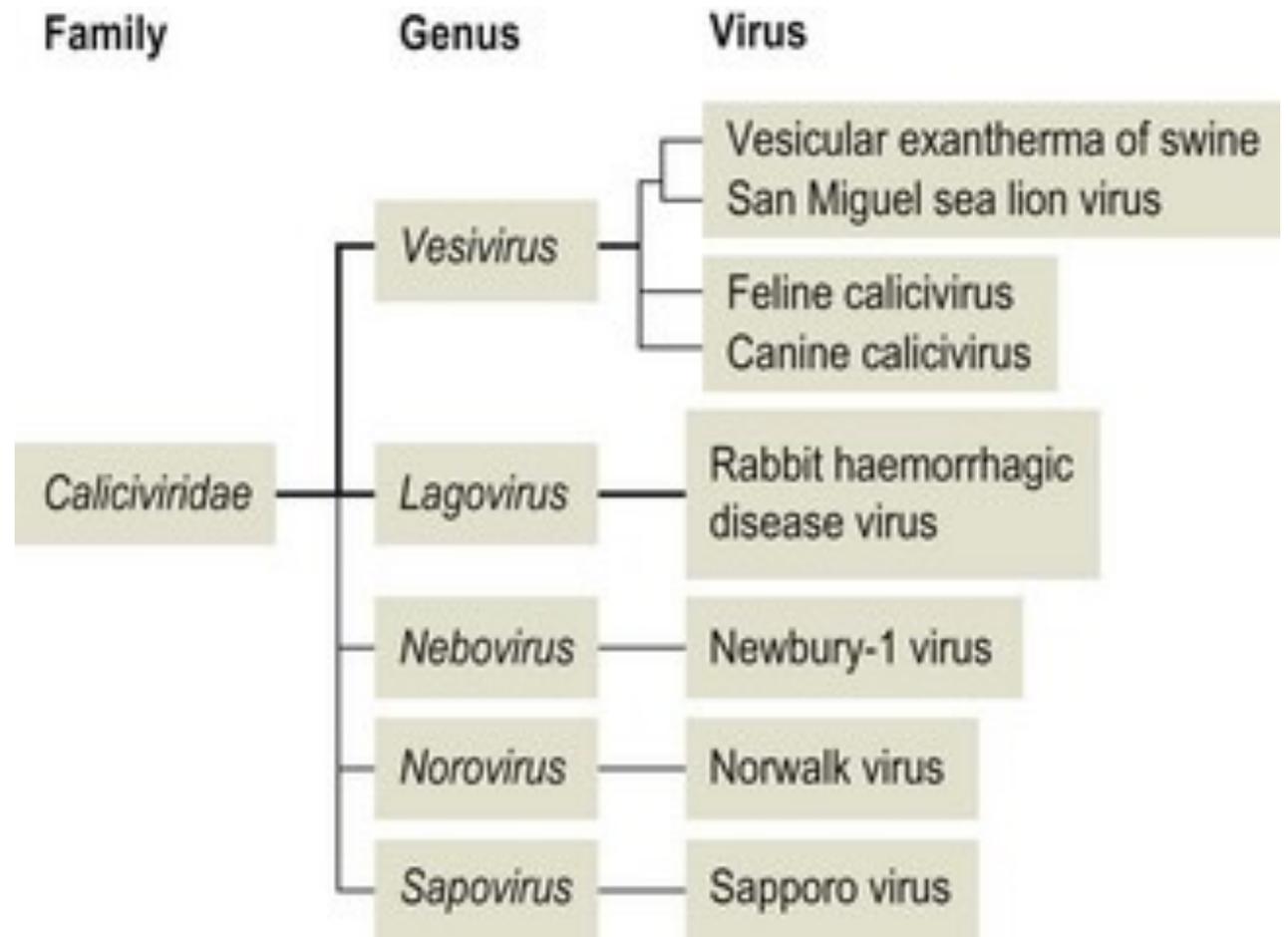
FELINE CALICIRUS



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- It is an upper respiratory tract infection of cats.
 - It is often accompanied by other viral infections of cats.
 - (Feline calicivirus, Feline herpes virus, Chlamydia infection, Mycoplasma infection, Allergic Rhinotracheitis)
 - It is common all over the world.

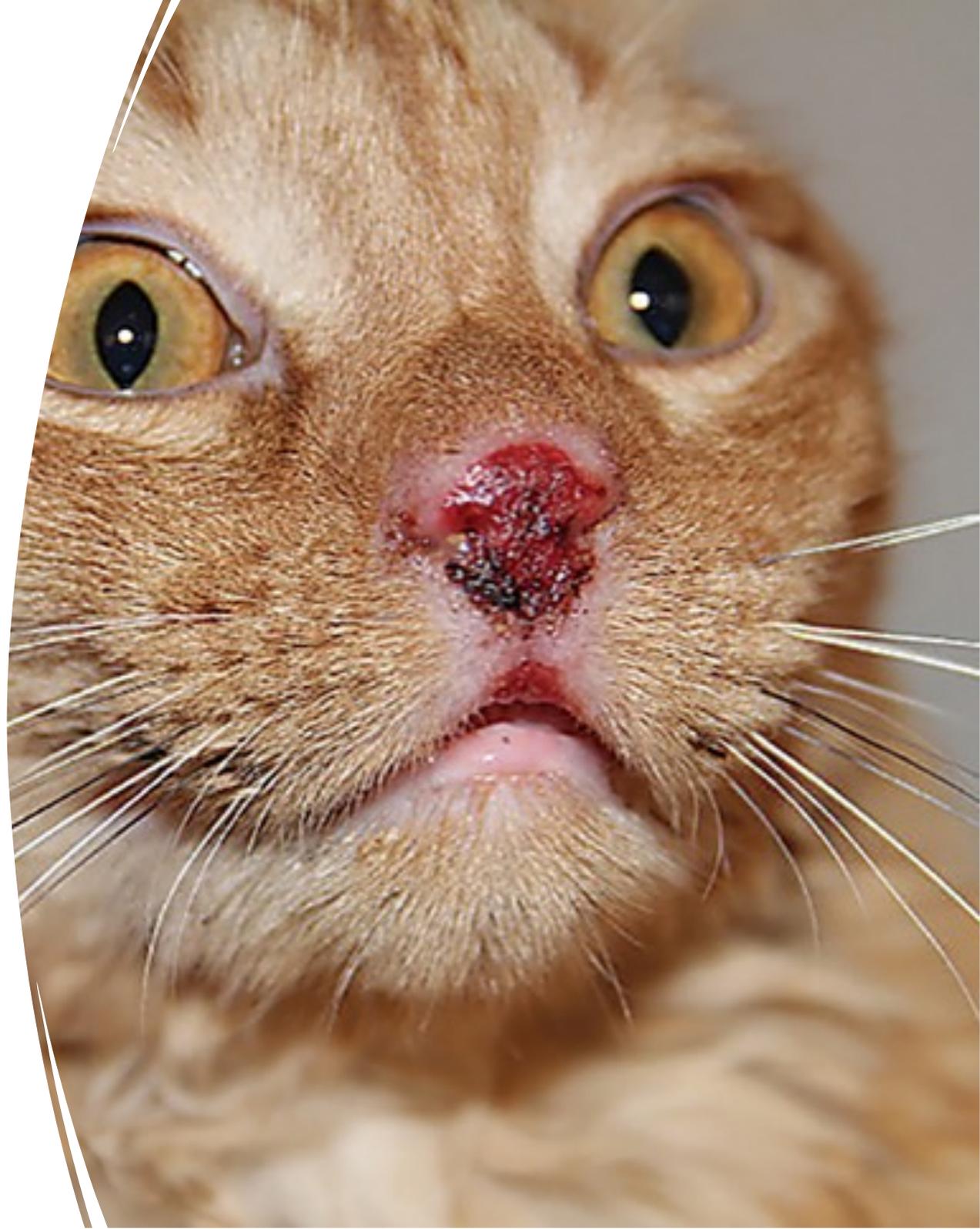


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- Only one serologic type
 - Vaccines are available
 - Cross immunity -
Antigenic diversity
 - Transmission: Aerosol,
direct contact



Clinical Signs

- The incubation period is 2-3 days.
- 50% of infected cats recover within 4-5 days.
- Cats that recover remain Persistently Infected and spread the infection.
- It is clinically characterized by Rhinitis, Conjunctivitis, Tracheitis, Pneumonitis and vesicles and ulcers in the oral epithelium.
- Fever, anorexia, lethargy and upright walking are noted.



Ulcer on the palate and tongue

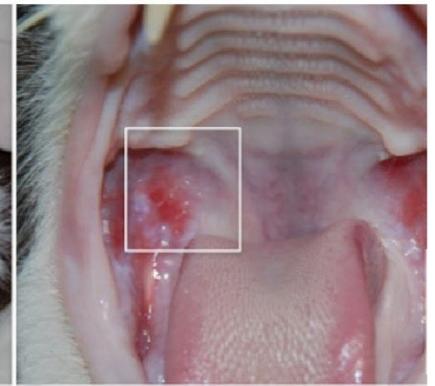
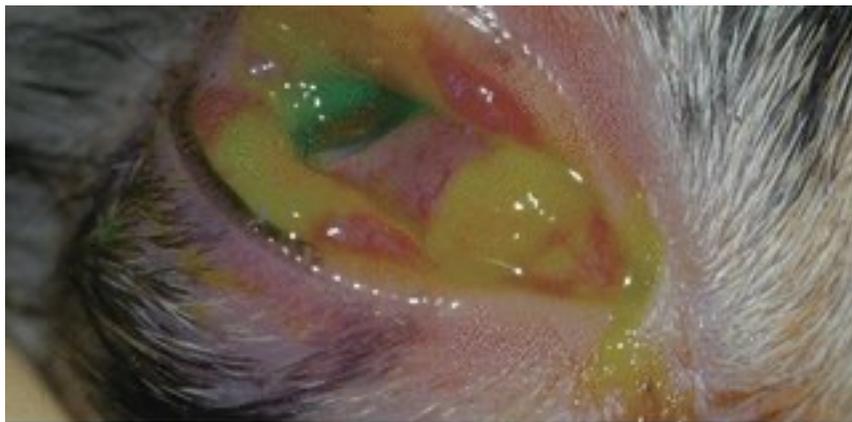




Fig. 6. Hypersalivation due to oral ulcers after FCV infection.





Virulent Systemic Feline Calici Virus (VS-FCV)

- highly contagious
- Mortality up to 70%
- lethargic animals,
- Conjunctivitis,
- Oral and GI ulcers





Figure 3 Hair loss, crusting and edema of the feet in a cat with VS-FCV. *Image courtesy of Kate Hurley*

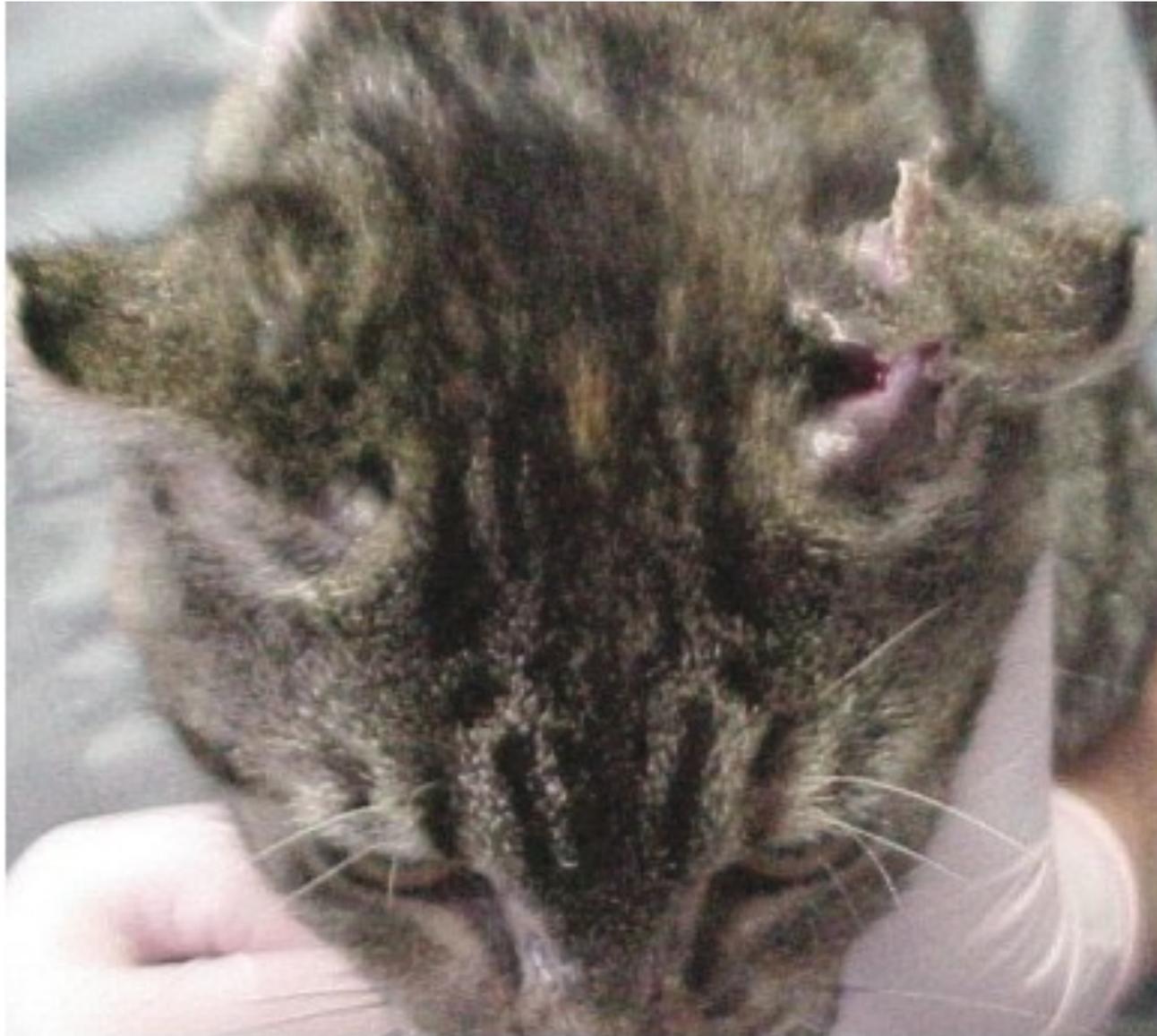


Figure 4 Hair loss and crusting of the ears in a cat with VS-FCV. *Image courtesy of Dr Kate Hurley*



Fig. 9. Virulent systemic calicivirus disease, excoriations of paws ©Uw
Truyen

Diagnosis

It is difficult to diagnose clinically.
It is often impossible to distinguish
feline viral rhinotracheitis (FHV)
from feline calicivirus infection.

Conjunctival scraping can be
diagnosed by IF test on biopsy
material taken from tonsils.

Antibody screening can be done

Virus Isolation

RT-PCR

Prevention

- It has a vaccine. It is used in combination with Feline Herpes virus 1 and Feline Panleukopenia.
- Vaccination start age: 6 weeks and 2 or 3 boosters, vaccine completion until 16-20 weeks. In some countries, vaccination starts at 8-9 weeks of age!
- Maternal antibodies protect for 10-14 weeks.
- Ribavirin- inhibition of viral replication
- Feline interferon- ω

