



THE PRIMARY PREVENTION IN CATS

EXCEPTIONAL EXPERTISE FOR SUCH AN EXCEPTIONAL ANIMAL

What is it?

Why is it so important?

And particularly in cats?

How to manage it?



PRIMARY PREVENTION,
WHAT IS IT?

WHAT IS PRIMARY PREVENTION?

International Cat Care identifies 3 categories to succeed in a regular lifelong preventive healthcare.

1. PRIMARY PREVENTION

Avoiding development of disease

2. SECONDARY PREVENTION

Early detection of disease

3. TERTIARY PREVENTION

Reducing the impact of disease

The first aspect of preventive healthcare is **primary prevention**, avoiding the development of disease.





PRIMARY PREVENTION, WHY IS IT SO IMPORTANT, PARTICULARLY IN CATS?

WHY IS PRIMARY PREVENTION SO IMPORTANT FOR CATS?

1. PRIMARY PREVENTION

Avoiding development of diseases: vaccination and routine parasite control are the pillars.



Adapted from  CatCare for Life recommendations

WHY IS VACCINATION SO IMPORTANT?

Vaccination is one of the most important preventive measures in keeping cats healthy.

Vaccination is intended to protect individuals against disease caused by bacteria and viruses, but also to prevent infection and transmission of the agents within a population.

Vaccination coverage - when exceeding ~70% of a population, as shown e.g. by antibody prevalence - leads to “herd immunity”, which is a safeguard against epidemics⁽¹⁾.

WHY IS PARASITE CONTROL IMPORTANT?

More than 50% of owned cats carry parasites, and 14% are co-infested with both internal and external parasites⁽²⁾, which can be a serious concern.

Up to 20% of infesting fleas are ingested daily by cats during grooming⁽³⁾, which may lead to *Dipylidium caninum* infestation.

Parasites are not only responsible for diseases in cats. Some of them may be transmitted to humans, causing zoonotic diseases.

PRIMARY PREVENTION, WHY PARTICULARLY IN CATS?

Because of their **LIFESTYLE AND NATURAL BEHAVIOR**, cats can be exposed to contaminated environments or to other cats. Thus they are at risk for both infections and parasitic diseases⁽⁴⁾.

Cats
are grooming
animals



Cats
are natural
hunters



Cats are
roaming
animals



Cats
are
territorial



Because primary prevention is the **NEEDED BASIS AT ALL LIFE STAGES**.



Kitten [0-6m]



Junior [7m-2y]



Adult [3-6y]



Mature [7-10y]



Senior [11-14y]



Super Senior [15y+]

Adapted from  **CatCare for Life** recommendations

Because **BOOSTER VACCINATION** is the top one reason for a cat-owner to visit a vet⁽⁵⁾.

“Vaccination helps me feel less worried concerning my cat’s health and makes me feel secure and reassured about my cat’s health.”⁽⁵⁾

Because the **CONTROL OF PARASITES** is a main expectation for a cat-owner.

“I feel less worried concerning my cat’s health and it makes me feel secure and reassured when I treat my cat against parasites. I need to have the most advanced and adequate solutions for my cat.”⁽⁵⁾

PRIMARY PREVENTION, HOW TO MANAGE IT IN CATS?



PRIMARY PREVENTION, HOW TO MANAGE IT IN CATS?

Mostly as simple as vaccination and routine parasite control!

LIFE STAGE & LIFESTYLE	VACCINATION						FLEAS/TICKS	DEWORMING***
	FHV	FCV	FPV	RABIES**	FeLV	<i>Chlamydia felis</i>		
KITTEN (<6 MONTHS) OUTDOORS & INDOORS: Possible access to the outside or contact with outdoor cats (& other pets).	2-3 doses 3-4 weeks apart*	2-3 doses 3-4 weeks apart*	2-3 doses 3-4 weeks apart*	Single dose after 3 months of age**	2-3 doses 3-4 weeks apart*	2-3 doses 3-4 weeks apart*	Every month during the relevant period	Every 15 days until 2 months of age. Every month until 6 months of age.
KITTEN (<6 MONTHS) STRICTLY INDOORS: No access to the outside & no contact with FeLV positive cats, or any other pets.	2-3 doses 3-4 weeks apart*	2-3 doses 3-4 weeks apart*	2-3 doses 3-4 weeks apart*	Single dose after 3 months of age**	-	-	Check regularly the cat for external parasite infestation	
From JUNIOR to SUPER SENIOR OUTDOOR ACCESS: Contact with outdoor cats (& other pets) and preying behaviors are likely.	Annual boosters	Annual boosters	Every 1-3 years after 1 year boost	Every 1-3 years after 1 year boost**	Annual boosters	Annual boosters indicated for cats with sustained exposure	Every month during the relevant period	General recommendation: every 3 months (more for cats hunting or fed with raw meat)
From JUNIOR to SUPER SENIOR STRICTLY INDOORS: No access to the outside & no contact with FeLV positive cats, or any other pets.	Every 1-3 years after 1 year boost	Every 1-3 years after 1 year boost	Every 1-3 years after 1 year boost	Every 1-3 years after 1 year boost**	-	-	Check regularly the cat for flea infestation	General recommendation: once or twice a year
From JUNIOR to SUPER SENIOR CAT COMMUNITIES, SHELTERS & BREEDING CATTERIES	Annual boosters	Annual boosters	Every 1-3 years after 1 year boost	Every 1-3 years after 1 year boost**	Annual boosters	Annual boosters	Every month during the relevant period	General recommendation: every 3 months depending on health status of the community
SPECIFIC CASES								
PRIMARY VACCINATION JUNIOR, ADULT, MATURE, SENIOR & SUPER SENIOR	2 doses 3-4 weeks apart. Then refer to boosters protocols	2 doses 3-4 weeks apart. Then refer to boosters protocols	2 doses 3-4 weeks apart. Then refer to boosters protocols	Single dose Then every 1-3 years after 1 year boost**	2 doses 3-4 weeks apart. Then refer to boosters protocols	2 doses 3-4 weeks apart. Then refer to boosters protocols	See above	See above
HEARTWORM ENZOOTIC AREAS	-	-	-	-	-	-	See above	Heartworm prevention every month during the relevant period
FAMILY WITH YOUNG CHILDREN ZOO NOTIC RISK LINKED TO PARASITES	-	-	-	-	-	-	Every month during the relevant period	Every month

* As recommended by international guidelines, where high levels of maternal antibodies are expected to be present, e.g. in kittens of 9-12 weeks of age born from queens which were vaccinated before pregnancy and/or with known or suspected previous exposure to the pathogen(s).

** If required by national and local legislation. - *** Based on Escapp guideline 01, May 2021

PRIMARY PREVENTION, HOW CAN BOEHRINGER INGELHEIM HELP YOU?

Boehringer Ingelheim's expertise in primary prevention brings veterinarians and cat owners **a broad feline-dedicated range of vaccines and parasiticides**, aiming at meeting cats' needs according to their life stages and lifestyles.

FULLY ADJUVANT FREE FELINE VACCINE RANGE IN 0.5 ML*

Purevax
Always closer to cat needs



*PUREVAX Rabies remains in 1ml

THE ONE AND DONE PARASITE CONTROL FOR CATS

CAN BE USED IN BREEDING, PREGNANT AND LACTATING QUEENS

NexGard
COMBO



A TOP-OF-MIND BRAND AMONG CAT OWNERS

FRONTLINE
COMBO





AN EXCEPTIONAL INITIATIVE FOR SUCH AN EXCEPTIONAL ANIMAL

**EXCEPTIONAL
EXPERTISE
FOR SUCH AN
EXCEPTIONAL
ANIMAL.**



The feline population is growing.

The place of the cat is evolving.

There are more and more cats in the world and 51% of owners consider their cat as a family member⁽⁵⁾.

Cat owners want to keep and love their cat(s) as long as possible.

They have high expectations to provide their cat(s) the best care.

As a world leader in cat health, Boehringer Ingelheim introduces the Cat'Xpert initiative.

This initiative, in collaboration with international feline veterinary associations and experts, aims at supporting medicalization and preventive lifelong care for cats.

It brings solutions, knowledge and skills to veterinary teams to provide the highest standard of care to their feline patients and manage owners' expectations:

- Unique product portfolio dedicated to cats
- Unique partnerships with feline experts
- Unique solutions to grow the cat business

REFERENCES:

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3. Hinckle et al. Host grooming efficiency for regulation of cat flea (*Siphonaptera: Pulicidae*) populations. *J Med Entomol.* 1998 May; 35(3):266-269
4. Diakou A. et al. Intestinal parasites and vector-borne pathogens in stray and free-roaming cats living in continental and insular Greece. *PLOS Neglected Tropical Diseases* | DOI:10.1371/journal.pntd.0005335, 2017
5. *IPSOS Pet Owner Clarity November 2016: Towards a holistic understanding of pet owners motivations & needs*
6. *Catcareforlife: <https://www.catcare4life.org/>*





The **PUREVAX® range** contains a combination of the following active ingredients: attenuated feline rhinotracheitis herpesvirus (FHV F2 strain), inactivated feline calicivirus antigens (FCV 431 and G1 strains), attenuated Chlamydomphila felis (905 strain), attenuated feline panleucopenia virus (PLI IV), FeLV recombinant canarypox virus (vCP97). PUREVAX® Rabies contains Rabies recombinant canarypox virus (vCP65). PUREVAX® FeLV suspension for injection is indicated for active immunisation of cats of 8 weeks of age or older against feline leukaemia for the prevention of persistent viraemia and clinical signs of the related disease. PUREVAX® Rabies suspension for injection is indicated for active immunisation of cats 12 weeks of age and older to prevent mortality due to rabies infection. PUREVAX® RC lyophilisate and solvent for suspension for injection is indicated for active immunisation of cats aged 8 weeks and older: against feline viral rhinotracheitis to reduce clinical signs; and against calicivirus infection to reduce clinical signs. PUREVAX® RCP lyophilisate and solvent for suspension for injection is indicated for active immunisation of cats aged 8 weeks and older: against feline viral rhinotracheitis to reduce clinical signs; against calicivirus infection to reduce clinical signs; and against feline panleucopenia to prevent mortality and clinical signs. PUREVAX® RCP FeLV lyophilisate and solvent for suspension for injection is indicated for active immunisation of cats aged 8 weeks and older: against feline viral rhinotracheitis to reduce clinical signs; against calicivirus infection to reduce clinical signs; against Chlamydomphila felis infection to reduce clinical signs and against feline panleucopenia to prevent mortality and clinical signs. PUREVAX® RCPCh lyophilisate and solvent for suspension for injection is indicated for active immunisation of cats aged 8 weeks and older: against feline viral rhinotracheitis to reduce clinical signs; against calicivirus infection to reduce clinical signs; against Chlamydomphila felis infection to reduce clinical signs and against feline panleucopenia to prevent mortality and clinical signs. PUREVAX® RCPCh FeLV lyophilisate and solvent for suspension for injection is indicated for active immunisation of cats aged 8 weeks and older: against feline viral rhinotracheitis to reduce clinical signs; against calicivirus infection to reduce clinical signs; against Chlamydomphila felis infection to reduce clinical signs; against feline panleucopenia to prevent mortality and clinical signs; and against leukaemia to prevent persistent viraemia and clinical signs of the related disease. UK: POM-V IE: POM. For information about side effects, precautions, warnings and contraindications please refer to the product packaging and package leaflet. Further information available in the SPC or from Boehringer Ingelheim Animal Health UK Ltd., RG12 8YS, UK. UK Tel: 01344 746959 (sales) or 01344 746957 (technical), IE Tel: 01 291 3985 (all queries). Email: vetenquiries@boehringer-ingelheim.com. PUREVAX® is a registered trademark of Boehringer Ingelheim Animal Health France SCS, used under licence. ©2023 Boehringer Ingelheim Animal Health UK Ltd. All rights reserved. Date of preparation: Apr 2023. UI-FEL-0037-2023. Use Medicines Responsibly.



NEXGARD Combo spot-on solution for cats < 2.5 kg and cats 2.5 7.5 kg contains Esafloxolaner, Eprinomectin, Praziquantel. UK: POM-V, IE: POM. Further information available in the SPC or from Boehringer Ingelheim Animal Health UK Ltd., RG12 8YS, UK. UK Tel: 01344 746959 (sales) or 01344 746957 (technical), IE Tel: 01 291 3985 (all queries). Email: vetenquiries@boehringer-ingelheim.com. NexGard Combo® is a registered trademark of Boehringer Ingelheim Animal Health France SCS, used under licence. ©2023 Boehringer Ingelheim Animal Health UK Ltd. All rights reserved. Date of preparation: May 2023. UI-FEL-0037-2023. Use Medicines Responsibly.



FRONTLINE Combo® Spot On Cat. FRONTLINE COMBO® Spot On Cat contains Fipronil and (S)-methoprene. UK: POM-V IE: POM. Further information available in the SPC or from Boehringer Ingelheim Animal Health UK Ltd., RG12 8YS, UK. UK Tel: 01344 746959 (sales) or 01344 746957 (technical), IE Tel: 01 291 3985 (all queries).

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