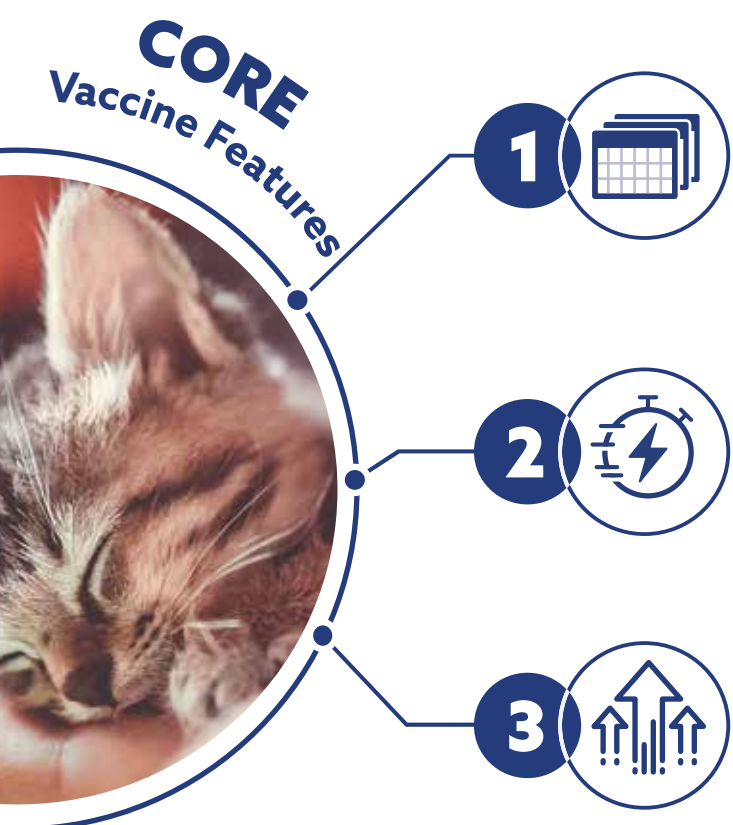





Nobivac® A VACCINE FOR EVERY LIFESTYLE

CATS LIVE ALL KINDS OF LIVES — indoor, outdoor, solitary, or social. Nobivac® provides the flexibility to tailor vaccine protocols to each cat's unique lifestyle needs.



CORE Vaccine Features

-  1
-  2
-  3

Nobivac® Feline Core

- AAFP recommends 3-year vaccination intervals for core antigens such as HCP.¹
- Nobivac® Feline 3-HCP is the ONLY USDA-approved 3-year core vaccine for cats.²
- 1-year option for flexible, customizable protocols.

Non-adjuvanted

- MLV provides quick immune response for HCP.
- 1-year and 3-year core formulation.

Proven Protection

- ONLY Nobivac® Feline 3-HCP demonstrated 3-year protection through a real-time, challenge-of-immunity HCP study.³
- Nobivac® Feline 1-HCP has been shown to be effective against the replication of CPV in cats.^{4,5,6,7,8}

AAFP FELINE VACCINATION GUIDELINES

Vaccines for **herpes virus, calicivirus, panleukopenia, and rabies** are considered core vaccines in the US—required for all cats.¹

Core Vaccines

	Rhinotracheitis (herpes)	Calicivirus	Panleukopenia	Rabies
Nobivac® Feline 1-HCP	●	●	●	Non-adjuvanted
Nobivac® Feline 3-HCP	●	●	●	Non-adjuvanted
Nobivac® 1-Rabies				●
Nobivac® 3-Rabies / 3-Rabies CA				●

Nobivac® core vaccines are also available in combination with lifestyle vaccines offering the flexibility to reduce injections.



LIFESTYLE Vaccine Features

-  1
-  2
-  3

Nobivac® Feline 2-FeLV LASTING PROTECTION, FEWER VACCINATIONS

- The ONLY USDA approved FeLV vaccine with a 2 year revaccination claim.^{4,9}
- Proven protection against all stages of Feline Leukemia, verified by multiple published studies.^{10,11}

STRONG PROTECTION, GENTLE ON CATS

- No evidence of inflammation or adjuvant 21 days post FeLV vaccination.¹¹
- 99.1% reaction-free in the field safety trial for FeLV.⁴

Nobivac® Feline Bb BROAD PROTECTION

- The ONLY *Bordetella bronchiseptica* vaccine for cats - administered intranasally.
- Cats and kittens are protected as early as 72 hours post-vaccination against *Bordetella*.¹²
- Safe for kittens and pregnant queens.¹²
- 98% reaction-free in the field safety trial for Nobivac® Feline Bb.⁴

AAFP FELINE VACCINATION GUIDELINES

Vaccination against **feline leukemia virus, Chlamydophila felis, and Bordetella** may be given according to the cat's exposure risk.¹

Multicat Vaccines

	Leukemia (FeLV)	Chlamydophila felis	Bordetella
Nobivac® Feline 2-FeLV	●		Core for kittens up to 1 year
Nobivac® Feline 1-HCP + FeLV	●		Core
Nobivac® Feline 1-HCPCh + FeLV	●	●	Core
Nobivac® Feline 1-HCPCh		●	Core Non-adjuvanted
Nobivac® Feline Bb			● Non-adjuvanted

When assessing a cat's risk, the AAFF advises that a cat's lifestyle, and the lifestyle of all cats in the same household should be considered.



INDOOR CAT

A healthy indoor cat is still at risk of contracting serious illnesses.¹ Nobivac® recommendations:

- Nobivac® Feline 1-HCP
- Nobivac® Feline 3-HCP
- Nobivac® 1-Rabies
- Nobivac® 3-Rabies
- Nobivac® Feline 2-FeLV*

*Under 1 year of age



OUTDOOR CAT

Coming in contact with other cats in an outdoor space, increases the risk for infectious diseases.¹ Nobivac® recommendations:

- Nobivac® Feline 1-HCPCh
- Nobivac® Feline 2-FeLV
- Nobivac® Feline 1-HCPCh+FeLV
- Nobivac® Feline 1-Rabies
- Nobivac® Feline 3-Rabies



MULTI-CAT HOUSEHOLD & BOARDED CAT

Exposure to other cats increases the risk of infectious diseases including *Bordetella* infections.¹ Nobivac® recommendations:

- Nobivac® Feline 1-HCPCh
- Nobivac® Feline 2-FeLV
- Nobivac® Feline-Bb
- Nobivac® 1-Rabies
- Nobivac® 3-Rabies

THE CORE VACCINES ALL CATS NEED, PLUS THE LIFESTYLE VACCINES YOU WANT

References: 1. JFMS. 2013;15(785-808). 2. Nobivac Feline 3 HCP [Product Label] Merck Animal Health, Madison, NJ. 3. Gore TC, Lakshmanan N, Williams JR, et al. Three-year duration of immunity in cats following vaccination against feline rhinotracheitis virus, feline calicivirus, and feline panleukopenia virus. *Vet Ther.* 2006;7(3):213-222. 4. Data on file, Merck Animal Health. 5. Hoelzer K, Parrish CR. The emergence of parvoviruses of carnivores. *Vet Res.* 2010;41(6):39-6. Ikeda Y, Nakamura K, Miyazawa T, et al. Feline host range of canine parvovirus: recent emergence of new antigenic types in cats. *Emerg Infect Dis.* 2002;8(4):341-346. 7. Truyen U. Emergence and recent evolution of canine parvovirus. *Vet Microbiol.* 1999;69(1-2):47-50. 8. Battilani M, Balboni A, Ustulin M, Giunti M, Scagliarini A, Prosperi S. Genetic complexity and multiple infections with more parvovirus species in naturally infected cats. *Vet Res.* 2011;42(1):43-9. Jirjis FF, Davis T, Lane J, et al. Protection against feline leukemia virus challenge for at least 2 years after vaccination with an inactivated feline leukemia virus vaccine. *Vet Ther.* 2010;11(2):E1-E6. 10. Pederson NC. Immunogenicity and efficacy of a commercial feline leukemia vaccine. *J Vet Intern Med.* 1993;7(1):34-39. 11. Hines DL, Cutting JA, Dietrich DA, Walsh JA. Evaluation of efficacy and safety of an inactivated virus vaccine against feline leukemia virus infection. *J Am Vet Med Assoc.* 1991;199(10):1428-1430. 12. Nobivac® Feline-Bb [Product Label] Merck Animal Health, Madison, NJ.

VACCINE JOURNEY

THE JOURNEY BEGINS

You visited a local shelter and adopted a new kitten, Max. You are super excited to take Max the kitten home.

You don't know much about Max's history before he came to the shelter. But Max settles in great at your home.

However...
Max has started to sneeze.
And you've noticed a discharge around his eyes.

A NEW FRIEND

Possible culprit:
Feline Herpes virus, Calicivirus

Feline viral rhinotracheitis (FVR) is an infectious disease caused by feline herpesvirus type-1. FVR is a major cause of upper respiratory disease in cats, and is a common cause of conjunctivitis. Calicivirus is another cause of feline upper respiratory disease.

The immune system in kittens is still immature. Because of this, it's very common for kittens to break with an upper respiratory infection when they first arrive at their new home. Vaccinating Max for common feline respiratory diseases is the best way to protect him.

CORE VACCINES FIRST

Vaccines for feline respiratory disease, panleukopenia, and rabies are considered core vaccines and are required for all cats according to the American Association of Feline Practitioners.

Talk to your vet about which vaccines will provide the best protection for your cat's lifestyle!

SOCIAL CAT

Max grows more playful by the day and becomes inseparable from your other cat. Max follows his new buddy everywhere. They share the same food bowl, water, and toys.

However...
You noticed that Max is leaving his meals untouched. He appears to be losing weight and his coat isn't as soft as it used to be. Finally, you take Max to the vet.

BONDED PAIRS

Possible diagnosis:
Feline Leukemia Virus (FeLV)

FeLV is one of the leading causes of death in cats, killing 85% of persistently infected felines within three years of diagnosis. FeLV may cause anemia or lymph node cancer, while suppressing the cat's immune system.

For indoor-only cats, the risk of contracting FeLV is very low. However, exposure to infected cats raises the risk of contracting FeLV, especially for kittens and young adult cats.

Unvaccinated cats who share food and water dishes and litter boxes are more at risk for FeLV and should be considered for vaccination.

FeLV VACCINE FIRST

Given the risks and given Max's lifestyle, you decide vaccination is the best option, especially since Max enjoys going outdoors.

Talk to your vet about the risks of FeLV for your cat.

GETTING TO THE VET ON TIME

Max is a senior cat now and you are wondering if annual vaccinations are still necessary. Getting him in the carrier is a BIG ordeal and no fun for either of you!

Overall, Max's health is good. You decide it's not worth the hassle of taking him to the vet for a wellness visit.

MISSED VISIT

However...
When a cat reaches his senior years he should be coming to the vet twice a year to check for signs of age-related diseases that can come on quickly.

Cats are comfortable in familiar environments. It's important to take time to get your cat used to the carrier and the car from a young age.

I see that you brought Max's favorite toy and blanket with you! Making the carrier a familiar place at home, or placing familiar bedding inside of the carrier is great for calming him down.

Just like us, cats should have a wellness visit once a year, even if Max may seem perfectly healthy to you. Some vaccines also require boosters every few years to remain effective – keeping up with your annual visit to the vet helps us keep Max protected.

ANNUAL WELLNESS VISIT

You took the time and made sure that Max is comfortable in his carrier and bring him to the vet annually for his wellness exams. Keeping Max up to date on all his vaccines has helped him stay healthy.

Regular visits to the vet are just as important for indoor cats as they are for outdoor cats in order to properly monitor their health and to ensure all vaccinations are up to date. Prevention is best practice!

