

# Lufenuron Candida treatment

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## How does Lufenuron kill Candida?

**There is a field-proven, safe, over-the-counter off-label treatment available to those who are losing their battle against Candida albicans infection. When probiotics and essential oils don't do the job and even prescription antifungal medicines have failed, Lufenuron comes to the rescue.**

Lufenuron is an over-the-counter veterinary remedy available in pet shops under the name "Program". It is given to dogs or cats once a month, and it prevents flea larvae from growing into adult fleas by interfering with their Chitin synthesis. Chitin is the hard substance the exoskeleton of insects is made of. The interesting fact about Chitin is that it is not just used by insects and arthropods, it also makes up about half of the fungal cell wall. And fungi - also Candida albicans - can't survive with half of their cell wall gone.

The effect it has on Chitin production (Chitin is not found in humans) makes this "off-label" use of Lufenuron an excellent broad-spectrum antifungal, successfully tested on a variety of animals in many countries around the world. It is not approved for use as an antifungal medicine in humans. This is not because of side effects, but simply because the manufacturer is not interested in getting this drug certified for use as an antifungal in humans. No human trials have therefore ever been initiated. However, we have sold thousands of treatment dosages to people around the world and the results are impressive. No reported side effects, and everyone with a verified Candida infection was either cured or improved strongly.

My husband John as well as quite a few other former Candida-sufferers, have used Lufenuron to successfully eliminate our Candida albicans infections. (in some cases, a chronic Candida infection merely becomes temporarily suppressed and will come back - however less virulently - after a few months.) Lufenuron is very much safer than "ordinary" antifungals such as Diflucan, which are hard on liver and kidneys. Lufenuron in the dose we supply has no effect at all on any organs.

## Does Lufenuron have side effects?

No. **It is 100% inert to any cell or chemical process in mammals, including the human body.** It works by being an anti-catalyst to Chitin-synthesis in parasites and fungi. No allergies are known and a lethal dose could not be established - it does not exist. It has neither mutagenic (carcinogenic), nor teratogenic effects (effects on the unborn child). It does not affect the beneficial bacterial flora on the skin, in the mucous membranes or in the colon. It can safely be combined with any other medicine. It can safely be taken with alcohol. It has no effect on the ability to drive. The only thing it does is interfere with Chitin synthesis. Humans do not synthesize Chitin - the substance is alien to them.

## Is there any verifiable evidence that Lufenuron works against fungal infections?

Yes, overwhelmingly so. It is increasingly used to treat all kinds of fungal infections in animals such as dogs, cats, horses and chimpanzees. Here are some clinical trials done on these animals that suffered from a variety of fungal infections:

<http://www.curehunter.com/public/pubmed12790235.do>

**Control of cutaneous mycosis in five chimpanzees (Pan troglodytes) with Lufenuron**

[http://www.isrvma.org/article/57\\_3\\_99.htm](http://www.isrvma.org/article/57_3_99.htm)

**Use of Lufenuron for treating fungal infections of dogs and cats: 297 cases (1997-1999)**

<http://cat.inist.fr/?aModele=afficheN&cpsidt=17279722>

**In vitro efficacy of Lufenuron against filamentous fungi and blood concentrations after PO (per oral) administration in horses**

<http://www.ncbi.nlm.nih.gov/pubmed/12081306>

**Evaluation of the efficacy of oral Lufenuron combined with topical enilconazole for the management of dermatophytosis in catteries**

## Is there any verifiable evidence it will also work in humans?

There is no need for that - humans are mammals. If it works in many other mammals, it will work in humans too. But yes, there is a US patent nr. 6110971 that mentions Lufenuron as an effective antifungal in humans, including against *Candida albicans* infection:

<http://www.patentstorm.us/patents/6110971/description.html>

**US Patent 6110971 - Fungicide composition comprising a benzoylphenylurea**

## How safe is Lufenuron?

Lufenuron has no effect on any organ in the human body or its metabolism. Its LD50 dose could not be established, meaning they tried to poison lab animals with Lufenuron but even at enormous dosages fed over many months, there were no toxic effects. We found a study where dogs were fed absolutely gigantic daily dosages for half a year and there was some minor liver damage visible under a microscope, to a small number of liver cells. This type of damage was reversible and non-tumorous, and won't occur when taking the very much smaller dose we supply. Ten kilograms of potatoes is deadly (due to the Belladonna-type toxin in them) and as has happened recently on a game show, even water can kill.

This is what Novartis says about Lufenuron's safety:

<http://www.ah.ca.novartis.com/product/program.html>

### Safety

PROGRAM has undergone numerous safety trials to test its margin of safety at various doses in dogs. In addition, it has been available world wide in over 30 countries with no adverse reactions found. The reason that PROGRAM is so safe, is that Lufenuron has no reaction in mammals. Mammals do not contain chitin, so the molecule is absorbed and excreted without ever having been metabolized. As such it is safe in all mammals. PROGRAM has been tested at hundreds of times the label dose with no difficulties in mammals. Lufenuron has no effect on breeding animals, nor does it affect conception rates or litter size in breeding pets. It crosses the milk barrier and the placental barrier with no harmful effects to the unborn cats and dogs. They are, in fact, protected from continuing the flea life cycle by Lufenuron passed on from the mother's milk.

PROGRAM exhibits no drug interactions, therefore it has no ill effect on older pets, or pets with liver or renal problems, regardless of any medication those pets may be on for their medical condition. It does not affect diabetics or pets on antibiotics. There is no bio-accumulation so there is no chance of lufenuron "building up" in the pet and causing a problem in the long term.

Normal pesticides and other prescription drugs have to be tested for an LD50. This is the recognized dose in animals where the drug turns toxic in 50% of laboratory rats. **It was not possible to establish an LD50 for PROGRAM.**

Studies completed in pre-clinical trials for PROGRAM are:

- Acute Oral Toxicity in Mature Dogs.
- Two-month Oral Toxicity in Puppies.
- Six-month Oral Toxicity Study in Young Dogs.
- Reproductive Study in Pregnant Beagles.

And PROGRAM was proven safe in **all** instances.

Some years ago we talked to a Novartis lab scientist on the phone because we wanted to be absolutely certain as to any possible long-term side effects. He assured us that Lufenuron is totally inert. He also told us, off the record, that he was recommending Lufenuron as an off-label remedy against Candida infection, and that it worked very well. Of course, Novartis will officially have nothing to do with people who try to get rid of Candida with Lufenuron, neither do they have the time to answer questions about this topic, so it is pointless to contact them.

## How to take Lufenuron?

We have carefully designed a treatment regimen based on the latest published medical data on the use of Lufenuron in primates, and based on feedback from our own customers. It is very important to follow the following instructions carefully.

You will receive three plastic bags with 15 grams each. Each bag is for a three-week treatment. You take the contents of the first bag over the course of five days. This is called the "loading" phase. During those days, the Lufenuron is absorbed into your fat tissues. Then you wait sixteen days. During those days, the Lufenuron is slowly released again into your bloodstream, killing the Candida. So,  $5 + 16 = 21$  days, three weeks. You repeat this procedure twice more, for a total of nine weeks or 63 days, little over two months. When your symptoms are very severe, you could shorten the time interval from 16 to 10 days.

**It is important that you take the Lufenuron with a full meal that contains oils or fats.** This is because Lufenuron is lipophilic (dissolves in fat) and is stored in your fat tissues, where it is gradually released into your bloodstream. If you take the Lufenuron without food that contains some oils or fats, you will not absorb enough of it. A single spoon of oil is not enough! Mix it for example into yoghurt and take a meal with it that has a reasonable amount of fat. It can be any kind of fat, including cheese, bacon, nuts, olive oil, butter, margarine, avocado, salmon, mackerel, peanut butter etc. If you are lactose-intolerant, find another, preferably liquid food to mix it with because the powder tastes rather dry and bland. Do not expose it to boiling or frying temperatures. **Lufenuron has no effect when taken externally.** It is useless mixed into bath water or rubbed on sores. It works by being absorbed by your fat tissue and over the subsequent weeks slowly being released into the bloodstream. It is transported through the capillary veins all through your body. There it encounters the fungal rhizoids and the Candida is killed.

**It is totally unimportant to dose accurately, because Lufenuron is non-toxic for mammals and its biological half time is measured in days, not hours as is usual with "ordinary" medicines. The only reason you should not take the entire supply at once is that it may not be fully absorbed if your meal does not contain sufficient fat/oil. The Lufenuron will be very slowly released by your fat tissues over the course of at least a month, maintaining Candida-killing tissue concentrations during that time, so it is not a "5 day cure". This unique property of Lufenuron is how flea larvae can't grow when they suck the blood of a dog that has taken one single Lufenuron tablet a month prior to their bite. So the Candida will die for a couple of weeks AFTER having taken the last dose of Lufenuron. *Again: Accurate dosing is not at all required. Just take a teaspoon (flat or not, big/small doesn't matter) on the first and second day, and divide the rest over the remaining three days.***

## What die-off reaction can you expect?

**Lufenuron is a potent antifungal and you might experience a die-off reaction.** Depending on the kind of Candida infection you are suffering from, the die-off reaction can vary. **Do not think it is an allergic reaction to the Lufenuron but continue the regimen.** Lufenuron is completely safe and from its use in millions of animals over a decade, we know that it is very unlikely that an allergic reaction occurs. Instead, what a Candida-sufferer can experience is the "Jarisch-Herxheimer" reaction, which is what happens when a large number of harmful micro-organisms get killed simultaneously, flooding the immune system with inflammatory substances and toxins from inside the burst-open fungal cells. You might feel bad for a while - but then much better than before.

## Precautions

Lufenuron can be safely taken with any other medicines, by people with any kind of medical condition and can be a part of any diet. There are no known side effects or allergies to the substance. It does not affect the probiotics in ThreeLac or 5Lac. Lufenuron is not eliminated by liver or kidneys but by the feces. This makes Lufenuron safe for people with liver or kidney impairment. Lufenuron has a zero glycemic index and is safe for diabetics. **Do not excessively use laxatives on Lufenuron taking days – only use them to promote normal bowel movements. Also, avoid absorbents (such as active charcoal) on the days you take Lufenuron.**

## Shelf life

Lufenuron, when stored dry, not too warm and out of sunlight has a shelf life of at least three years.

## Email Support

You can mail me personally, prior to and during treatment with Lufenuron: [sarah@owndoc.com](mailto:sarah@owndoc.com)

## Concerns about toxicity

Some people have read that Lufenuron is "toxic", and they mistakenly believe that this means that Lufenuron is toxic to humans, which it isn't. Lufenuron only affects very primitive organisms that use Chitin. The only living beings that use Chitin are:

- *Fungi*
- *Intestinal parasites*
- *Insects, arthropods, arachnids*
- *Zooplankton*

Because of the latter, some countries won't allow Lufenuron in agriculture. Zooplankton is the start of the food chain and if farmers would use it against crop fungi, the ecosystem might eventually get affected. Lufenuron is 100% safe in any dose for living beings that are higher evolved than shrimp. Lufenuron has been used for decades in dogs and cats and there have been no reports of any significant side effects. We have sold thousands of treatments over the years and we have yet to receive a single complaint.

## Concerns about side effects

There exist veterinarian products (such as "Sentinel") that contain Milbemycin Oxime in addition to Lufenuron, and 100% of the reported side effects with those products are caused by the Milbemycin Oxime, not the Lufenuron. Our Lufenuron is medically pure and does not contain any additives. There are no reported side effects for products that contain just Lufenuron. Again: Lufenuron has been used for decades in dogs and cats and there have been no reports of any significant side effects. We have sold thousands of treatments over the years and we have yet to receive a single complaint.