

Nyloxin--FAQs

- **What is Nyloxin—can you give me more information?**
Nyloxin provides all natural, anti-inflammatory and analgesic pain relief that is non-toxic, non-narcotic, non-addictive, non-steroidal, and does not contain aspirin or acetaminophen.
There are 46 clinical and 23 pre-trial studies documenting the effectiveness of Nyloxin.
- **How does Nyloxin work to relieve pain?**
Specific proteins extracted from highly diluted cobra venom modify or truncate the pain signals going from the nerve endings to the brain.
The cobra venom is purified, standardized, and diluted ten thousand times.
- **My pain is quite severe--so can both the oral spray and topical gel be used at the same time?**
Yes, we recommend using both types for a more long lasting and complete reduction of your pain levels.
- **How effective is the Nyloxin pain reliever?**
Nyloxin is about 80 to 90% effective at managing moderate to severe chronic pain.
- **What is chronic pain?**
Chronic pain is classified as pain that persists longer than 6 months caused by an acute injury, trauma, or a chronic disease.
Chronic pain may be caused by arthritis, cancer, diabetes, fibromyalgia, herpes, migraine headaches, or shingles, to name a few.
- **Is Nyloxin approved by the FDA?**
Nyloxin was registered with the FDA in 2009 as a homeopathic drug because it is formulated from a natural substance, and the active ingredient is diluted 10,000 times. Nutra Pharma had originally planned to go through a costly and time consuming process of “drug approval”, but that was not necessary, thus bringing the product to those in need much faster.

- What type of pain does Nyloxin treat?**
May I ask you Mrs. Jones what type of pain do you have?
Nyloxin is specifically formulated to treat moderate to severe chronic pain such as back pain, neck pain, headaches, migraines, joint pain, arthritis pain, neuralgia pain, repetitive stress pain, or Cancer pain. Nyloxin also reduces pain from Parkinsons disease, Lupus, Fibromyalgia, and Multiple Sclerosis.
- Should I consult a physician before using Nyloxin**
You could, but most physicians will not know about the product at this time. When you get relief from your use of Nyloxin, please help spread the word.
- What should I expect to happen when I take Nyloxin?**
The topical gel usually works within 30 minutes. The oral spray usually becomes effective within 3 to 7 days. Continue taking the oral spray until it is all gone to make sure it will work—this may take up to 3 or 4 weeks. One in a thousand people may experience an allergic reaction. (Remember--there is a 100% money back guarantee if the product does not work for you).
- How does Nyloxin compare to other “over the counter” pain relievers?**
Nyloxin has been clinically proven to be more effective than the common over the counter pain relief products such as Aspirin, Advil, Alleve, Ibuprofen, or Tylenol. Additionally, Nyloxin does not contain any Acetaminophen or NSAIDS, which can damage your kidneys, liver, or stomach with continued use.
- What is the difference between the Nyloxin roll-on applicator and the easy-squeeze bottle?**
Both bottles contain the same topical gel. The roll-on is easy to use, and is for personal use. The squeeze bottle is good for those harder to reach areas and can be shared with others. There is 30 mcg/ml of the active ingredient in both gel bottles.
- What products does Nutra Pharma offer and what is the difference between the two types of Nyloxin?**

The oral spray is best used for internal and deeper chronic pain as it affects the nerve endings and pain centers in the brain. The topical gel is for easy to reach areas such as the hands, knees, neck, shoulders, feet, the spine or forehead.

A Pet-Pain-Away version of Nyloxin should be available for companion animals in September of this year. There is also an Equine version. Nutra Pharma is also working on bringing a Military Strength version to the Armed Services and the Veterans Administration soon.

- **Are there any side effects?**

Side effects are rare, but if they occur, the side effects of the oral spray are usually nausea or a headache. With the topical gel, there may be a slight skin irritation or rash. Allergies may occur in about 1 in 10,000 people—this is not unlike the number of allergic reactions seen when using the other “over the counter” analgesics. Since pain negatively affects sleep quality, Nyloxin may indirectly enhance sleep quality. Nyloxin also tends to satiate the nicotinic nerve receptors, thus reducing the desire for smoking somewhat; although we cannot make any claims to those effects—they are considered good side effects.

- **How does Nyloxin compare to the prescription pain relievers?**
Nyloxin is a patented, clinically proven and time tested all-natural FDA registered homeopathic drug that has been found to be extremely safe and effective for the treatment of moderate to severe chronic pain. Nyloxin has no adverse effects such as addiction, overdose, mental fog, or downtime associated with the narcotics and opioids, such as Vicodin, Oxycodone, or Percocet. tags—Avinza,, Actiq, Codeine, Dilaudid, Duragesic, Exalgo, Fentanyl, Fentora, Hydrocodone, Hydromorphone, Kadian Lorcet, Lortab, Norco, MS Contin, Meperidine, Methadone, Methadose, Morphine, Orthomorph, Oxycontin, Oxyfast, or Roxicodone.
- **Who manufactures Nyloxin, and where is the product made?**
Nyloxin is formulated by Nutra Pharma, a Biotechnology company headquartered in Coral Springs, Florida. All the ingredients are from U.S. sources, and the company follows strict quality control guidelines. The cobras are actually raised humanely on a snake farm nearby in Plantation, Florida.

- **How big are the bottles of Nyloxin?**
The oral spray comes in a 1oz. bottle, and the topical gel and roll-on come in 2oz. bottles. Each unit of Nyloxin should last for about 30 days with normal use. We also have an 8oz. pump bottle of the Nyloxin Gel for professional use.
- **What can you tell me about Nutra Pharma Corporation?**
Nutra Pharma is a 10 year-old company headquartered in Coral Springs, Florida, operating as a Biotechnology company specializing in the acquisition, licensing, and commercialization of pharmaceutical products for the treatment of pain, cancer, auto immune and infectious diseases, as well for the management of neurological disorders such as Multiple Sclerosis.
- **How potent is Nyloxin?**
Much less Nyloxin is needed to give an equivalent analgesic effect than that of aspirin or morphine, without all the side effects. There are only 70 micrograms per milliliter of active ingredient in the regular strength oral spray. If someone is taking 800 or 1,600 mg of Ibuprofen each day to quell their pain, this could be very damaging to the body organs.
- **Is Nyloxin safe for use in someone who has Diabetes?**
Yes, Nyloxin is safe for use in Diabetics because it is sweetened naturally with xylitol, and has a pleasant orange flavor.
- **Is Nyloxin addictive?**
No, Nyloxin is not addictive, in contrast to the narcotics and opioids used normally for chronic pain. Also, the pain receptors become sensitized to the Nyloxin active ingredient, and only a “maintenance dose” may be needed over time. Even a recovering addict can use the product safely. Unfortunately only one dose of a narcotic or an opioid can create an addiction problem. Recently, some people have turned to heroin as a drug of necessity when they cannot get their usual narcotics.
- **Can someone overdose on Nyloxin?**

High doses of Nyloxin are not toxic, nor life threatening. Excessive use of Nyloxin could cause a headache or dehydration, so it is wise to consume plenty of water when using the oral spray. Unfortunately there are about 20,000 deaths from narcotic and opioid overdosing in the U.S. each year—we are a possible alternative to those medications. At the least, Nyloxin will be a complimentary drug in treating chronic pain for years to come.

- **Is there an age limit for using Nyloxin?**
Nyloxin is a homeopathic product and thus can be used at any age, even in children. This should be done with caution though. If a child drank a whole bottle of oral spray, they would just tend to go to sleep. Plenty of water should be used along with any Nyloxin oral spray usage.
- **How quickly do the Nyloxin products work?**
The topical gels seem to work within 30 minutes. The oral spray may take 3 to 7 days to work. We have seen instances where it could take up to 3 weeks for the oral spray to become effective. If results do not occur immediately, continue to use the product till the container is empty. This will make sure we do not get a “false negative” result. Remember there is a money back guarantee on the empty bottle if the product doesn’t work for you.
- **What is the active ingredient in Nyloxin**
The active ingredient in Nyloxin is alpha cobra toxin derived from the venom of the Asian cobra. Only 70 mcg/ml is in the oral spray, and only 30 mcg/ml is in the topical gels—the Extra Strength versions contain double the amount of active ingredient. We only use the Naja naja species of cobras because that species contains the highest percentage of the specific peptides needed for Nyloxin formulation.
- **What are the inactive ingredients in Nyloxin?**
The inactive ingredients in Nyloxin are purified water, flavoring, xylitol, sodium benzoate, and sodium phosphate.
- **Are the snakes killed or injured in the process of making the product?**

No, the milking process is actually healthy for the snakes and is conducted by highly trained individuals in a humane manner.

- **What is a homeopathic drug?**
Homeopathic medicine is a system for the treatment of disease by using small amounts of natural substances.
Cobra venom peptides, which can cause harm at large doses, are therapeutic at homeopathic doses. Homeopathic products are considered to be safe and effective according to the Homeopathic Pharmacopeia of the United States (HPUS).
- **Where can I buy the Nyloxin product?**
Nyloxin is exclusively available via phone orders, or at your personal online site once that has been set up. Nyloxin is not available in stores or retail outlets. The offer you have called about today is limited to your order placed over the phone.
- **Does the product have a smell to it?**
No- *the topical gel is odor free, greaseless, and does not contain any components that create a hot or cold sensation. The oral spray has a pleasant taste, but no smell.*
- **How can the product be made from Asian cobra venom and not be harmful and have side effects?**
The specific proteins extracted from the cobra venom are diluted 10,000 times in the final solution. (1:10,000). This is a homeopathic product.
The patented formula uses a very small amount of the useful elements extracted from the cobra venom via the manufacturer's process.
- **What is a peptide?**
A peptide is just a small protein. Peptides and proteins are present in every living cell and are responsible for many biochemical activities. Insulin and hormones are other examples of peptides. The Nyloxin peptides are released into the bloodstream where they perform their signal reducing functions on the pain receptors--thus reducing pain sensations.
- **Is it safe for professional athletes to use?**

There is no reason that High School or Professional athletes could not use the product. It is very important that a treatable physical problem is not masked by the reduction of pain from an analgesic.

- **What is the shelf life of the product, and is it vulnerable to extreme temperatures?**
The shelf life of Nyloxin is good over several years, but best if used right away. High or low temperatures do not affect the product, but a very high temperature could affect the plastic container, so it is best if kept at room temperature.
- **What are the directions for use?**
***Oral spray:** 3 to 4 sprays 4 times daily. Typically the amount used can be reduced over time.*
***Topical Gel:** Rub or roll-on a small amount of the topical Gel on the painful area every 4-6 hours. Allow the gel to dry on the skin for maximum penetration.*
- **Does Nyloxin cure pain?**
No,** Nyloxin will not cure the cause of your pain, but may make the pain more manageable allowing you to function better. **The proteins extracted from the highly diluted cobra venom block the nerve endings from transmitting a pain signal to the brain, thereby effectively eliminating the sensation of pain at the source.
- **Is Nyloxin safe for pregnant women?**
*While Nyloxin is one of the safest pain relievers in the market, we **do not recommend** that it be used by pregnant women or lactating mothers. **Nyloxin might be safely used for menstrual cramps.***
- **Does the topical gel contain menthol?**
The Nyloxin Topical Gel is non-sticky, has no smell, and has no masking cooling, or warming agent like menthol, camphor, ginger, or chili.
- **Which product do you recommend for joint pain?**
For almost immediate relief our Topical Gel can be applied

directly to the skin covering the area of pain. Typically, you will feel the results within 30 minutes.

We also recommend that the Oral Spray and Topical Gel products be used in tandem for a more long-lasting and complete approach to treating your body's more severe chronic pains.

- **Why is it safe to put cobra venom on your skin?**
The active ingredients in Nyloxin are absorbed into the skin and interact with nerve endings to block pain. Only rarely will there be an allergic reaction. Since Nyloxin is a homeopathic product, it contains an incredibly small amount of the active ingredient. There is enough to be clinically therapeutic, but not enough to cause any potential issues.
- **How is the product checked for purity and for content?**
The "Chain of Custody" and quality control are maintained by analyzing a random sample of each batch of Nyloxin product.
- **How does the company formulate the Nyloxin product?**
Once the cobra venom has been acquired in the milking process, the venom is filtered and cleaned. The filtrate material is sent through a High Pressure Liquid Chromatography (HPLC) process whereby the specific alpha cobra toxin peptides are extracted.
- **Does Nyloxin interact with the Narcotics or Opioids that I am now using for my pain?**
The Nyloxin will tend to potentiate, or make the Narcotics more effective, thus necessitating using less of the Narcotics as pain treatment progresses.
- **Are there any medications with which Nyloxin interferes with?**
If someone is taking medication for high blood pressure, there may be a drop in blood pressure, so that person's blood pressure should be monitored closely.
- **How can I be sure I am getting a proper amount of the cobra venom?**

The product batches are tested for quantity and quality as the formulation process progresses.

- Are there any locations where the Nyloxin gel should not be used?
Nyloxin should not be used on an open wound. It is also not as effective when used on a fatty area.
- Is it possible to use it for an acute painful injury?
We have seen cases where this is possible, but Nyloxin is best used in chronic pain situations.
- How much should I need over time—does it have a ceiling effect like the narcotics and opioids?
The pain receptors actually get used to the Nyloxin product over time and less may be needed to get a pain reduction. This neurological process is called “induced fit” as the pain receptors get “sensitized” to the Nyloxin peptides.
- Is there any chance the snakes could get loose in a hurricane in Florida?
No--The building and the cages where the snakes are housed are storm proof.
- What is the difference between the regular strength and the extra strength versions of Nyloxin?
The extra strength version is twice as strong as the regular, and the military strength is twice that of the extra strength. The original Cobroxin version was half the strength of the current Nyloxin product.
- How addictive are the narcotics and opioids used in the treatment of chronic pain?
Very, even one Narcotic pill can cause an addiction problem.
- How many people are afflicted and suffering from chronic pain in the U.S.
Approximately 100 million U.S. citizens have chronic pain issues at an annual expense of nearly \$635,000,000,000. Yes, that’s \$635 billion.

- What are those so-called “pill mills” and are they a problem?
Many Pain Management Centers have been shut down due to over prescribing of narcotics and opioids.
- I hear you might be formulating a Military Strength version—when will that be available
Nutra Pharma Corporation has submitted a proposal to the Armed Services and the GAO to supply our Armed Forces and Veterans with the Nyloxin product. We do not know when this might happen.
- How many **scientific studies** have been done on the Nyloxin product
There have been 46 earlier clinical studies and 23 pre-trial studies done on the use of cobra venom in the treatment of pain.
- Are there any current **double blind studies** on the product?
Not at this time, but selected studies are planned. There have been 46 earlier clinical studies and 23 pre-trial studies done on the use of cobra venom in pain treatment.
We also have a very large amount of anecdotal evidence, and hundreds of testimonials that Nyloxin does work very effectively.
- What is the name of the **specific pain nerve ending receptors** that the Nyloxin affects”
Nyloxin acts on the alpha7 subtype of the nicotinic acetylcholine receptors on the pain nerve endings. It also modifies pain signals at the parafascicular nucleus at the base of the brain (thalamus).
- Will the Nyloxin product help in relieving pain even if I have a drug pump implanted in my body?
Yes, the need to activate your implant may be reduced when you use Nyloxin. We have seen instances of that happening.
“Drug pump delivery therapy cannot eliminate the source of your pain, or cure any underlying disease, but it may help you to better manage your pain”. The same statement can be said of the Nyloxin pain relief product”.
- Will the product work for tattoo pain?

Possibly-we have seen instances where both pain and inflammation from the tattooing process can be reduced.

- **Will the product work for Orthodontic braces pain?**
Possibly-we have seen some pain reduction in Orthodontic brace adjustment pain when the oral spray is used after an adjustment. Scientific studies are needed in this regard.
- **Couldn't the Nyloxin mask a structural problem and cause further damage to the body?**
It is very important that you ascertain that all efforts to correct the cause of the pain have been exhausted before using any form of analgesic, including Nyloxin.
- **Why hasn't my physician told me about this?**
Even though cobra venom pain relief therapy has been known for over 800 years, it will take a large educational effort to let all the doctors know that Nyloxin can be used as a complimentary drug in treating most chronic pains.
- **Why hasn't my pain management doctor told me about this product?**
Most pain management doctors are not yet aware of this product. Even though cobra venom pain relief therapy has been known for many years, it will take a large educational effort to let all the doctors know that Nyloxin can help manage most chronic pains.
- **Is it possible to invest in Nutra Pharma?**
*Nutra Pharma Corporation is listed on the OTCQB under the symbol **NPHC**.*
- **What is the patent # of the product?**
The patent number for the initial "cobroxin" product is 7,902,152, which states "the use of cobratoxin as an analgesic". 21 other Nutra Pharma patents are listed in our Nutra Pharma annual report.
- **What is an autoship, or exclusive auto-replenishment program?**

With our exclusive auto-replenishment program we automatically ship your monthly supply starting 30 days from your order date. The auto-replenishment program may be canceled at any time by accessing your online account or by calling the same toll free number.

- **What is the neurologic explanation of how Nyloxin works?**
*The alpha cobra toxin in Nyloxin acts on the **alpha7 subtype of the nicotinic acetylcholine receptors** on the pain nerve endings, and modifies or truncates the pain signal. It also modifies pain signals at the **parafascicular nucleus** at the base of the brain (from rat studies).*
- **I hear that **opioids** are quite harmful to the body. What can you tell me about that?**
Opioids have serious side effects:
 1. *The side effects of opioids include **sedation, respiratory depression, constipation, and a strong sense of euphoria**. Opioids can cause **cough suppression**, which can be both an indication for opioid administration or an unintended side effect. **Opioid dependence** can develop with ongoing administration, leading to a **withdrawal syndrome** with abrupt discontinuation.*
 2. ***Opioids disrupt sleep even in the absence of pain**. Sleep disruption does not allow for the normal restorative process needed for both physical and emotional wellbeing. Sleep deprivation impairs both host defense mechanisms and metabolism; and these impairments introduce additional risks for postsurgical patients.*
The clinicians treating pain should be aware of these opioid side effects and should consider Nyloxin as an alternative and complimentary pain relief drug with the least potential to exacerbate a sleep problem.
- **What is the difference between a narcotic, an opioid and an opiate?**
 1. *The term **narcotic** originally referred medically to any **psychoactive** compound with any sleep-inducing properties. In the United States it has since become*

associated with opioids, commonly morphine and heroin and their derivatives, such as hydrocodone.

2. *Although the term opiate is often used as a synonym for opioid, the term opiate is properly limited to the natural alkaloids found in the resin of the opium poppy (Papaver somniferum), while opioid refers to both opiates and synthetic substances.*

- **How do you define the World Health Organization Stages of pain?**
Moderate Stage 2 pain is that which keeps you awake at night, or away from your daily work. Severe Stage 3 pain is intractable pain that requires pain medication in order to function daily.
- **What does the 2x on the product container mean?**
It is a homeopathic dilution measurement—the higher the x factor, the more the dilution.
- **Will every drop of the oral spray contain the same amount of active ingredient?**
Yes, the active peptides are in solution, so every drop contains the same quantity of active ingredient—no shaking required.

Blue is the answer. Red is expert, or extra information. Green is also extra or subjective information. Yellow highlights are for emphasis.

This document was created by Dr. Ron Cook on 7/23/14

