

CLARIFIX[®] NASAL PROCEDURE

Chronic Rhinitis/Vasomotor Rhinitis

Chronic rhinitis is frequent inflammation of the nose with symptoms such as a runny nose, nasal congestion and post-nasal drip (mucus in the throat). But what causes it?

While the exact causes are unknown, out-of-balance nasal nerves play a contributing factor. The nerves in your nose transmit signals to your brain regulating all sorts of functions. When these nerves become hyperactive or out of balance, they send more signals than are necessary for the nose to perform its normal jobs, such as protecting the body from infectious agents. This can cause your nose to respond like it's fighting an illness. The nasal linings will become inflamed (congestion) and mucus production will increase (runny nose), causing these annoying symptoms – even when you aren't sick.

Medical treatments for chronic rhinitis, like nasal sprays, drops, pills and allergy shots, help manage frequent runny nose, congestion and post-nasal-drip symptoms, however: If treatments such as nasal sprays, drops and pills are not working for you, or you are looking for a solution that lasts longer without the side effects of medications, it's time to try ClariFix[®].

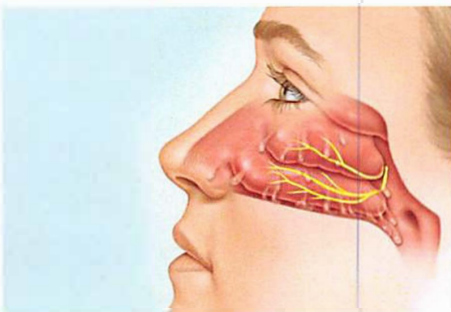
What Is ClariFix[®]?

ClariFix[®] Cryotherapy is a safe, clinically proven and minimally invasive treatment that targets the source of your symptoms for lasting relief.

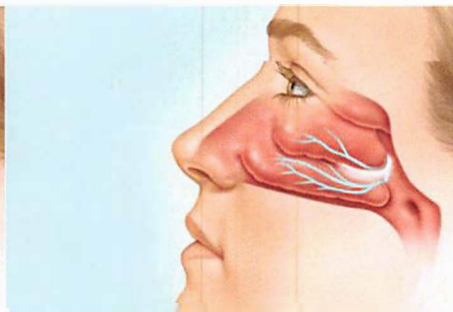
- Cryotherapy is safe
- Available in-office or operating room
- Minimal recovery time and post-treatment care for most patients
- May provide long-lasting symptom relief.

How Does ClariFix[®] Cryotherapy Work?

The ClariFix[®] Cryotherapy device goes straight to the source of the symptoms – the out-of-balance nerves. Using a minimally-invasive treatment called 'cryotherapy', the ClariFix[®] device interrupts the signals from these nerves to reduce your runny, stuffy nose symptoms. When the cold temperature hits the out-of-balance nerves, the nerve signals are temporarily interrupted. The nerves are no longer telling the nose to drip, run and swell.



Before ClariFix[®]



During ClariFix[®]



After ClariFix[®]

What to expect?

Most patients begin to see improvement between 1 to 2 weeks post treatment. Typically, an anesthetic is used to numb the inside of your nose. Then, the ClariFix® device is placed in the back of the nose and the cold therapy is applied with the use of an endoscope. You may experience slight pressure, a cooling sensation in the nose and/or around the molars, or some discomfort during and/or after the treatment.

What's recovery like?

Recovery times vary for each person but is usually quick and not very painful. In about 1 to 2 weeks, the new scar tissue in your nose should be completely healed. To reduce possible complications, it is important to follow the post-operative instructions which will be provided to you after surgery.

Are there side effects?

Side effects are rare and can be present for anywhere between 3 to 6 weeks after the procedure has been performed. Permanent symptoms extending past 6 weeks are very rare. These side effects include:

- pain
- bleeding
- swelling
- dryness (nose/eye)
- crusting
- infection

*There is always the rare possibility that ClariFix® may not work in a small percentage of individuals.

*There is always the rare possibility that the ClariFix® procedure needs to be repeated at a later date.

How much does it cost?

The Saskatchewan Health Authority does not cover the cost of the ClariFix® device and as such the Saskatchewan Medical Association does not cover the procedure. The cost of ClariFix® is \$2817.74 (taxes included). Information regarding finance options are available upon request.

For more information, please see following links below:

1. <https://www.youtube.com/watch?v=Yd6yD7raGDw>
2. <https://www.youtube.com/watch?v=NT0S8SG5hUQ>