

What is a Topical Oxygen Infusion?

A topical oxygen infusion is an advanced treatment that involves applying a mixture of high-pressure medical-grade oxygen and other beneficial ingredients, such as vitamins, nutrients, antioxidants, and peptides, onto the skin. The oxygen is delivered to the skin through a specialized device, such as a nebulizer, which propels the oxygen and the other ingredients into the skin, allowing them to penetrate deep into the layers of the skin.

The goal of a topical oxygen infusion is to increase oxygen levels in the skin, which can help to stimulate the skin's natural healing and rejuvenation processes. Oxygen is essential for healthy skin as it supports cellular respiration, detoxification, and the synthesis of collagen, which can help to reduce the appearance of fine lines, wrinkles, and other signs of aging. The infusion of other beneficial ingredients can also help to nourish and hydrate the skin, leaving it looking and feeling refreshed and revitalized.

Why boost oxygen in the skin?

Boosting oxygen can provide several benefits for overall skin health and appearance. Oxygen is a vital component for cellular respiration and energy production in the body, including the skin. When there is a lack of oxygen, the skin can become dull, sallow, and prone to premature aging, fine lines, and wrinkles. Increasing the oxygen supply to the skin can help to support the skin's natural regeneration processes, improving the overall health and appearance of the skin.

Topical oxygen infusion can also help to increase blood circulation in the skin, which can promote the delivery of nutrients and oxygen to the skin cells. This can help to boost the skin's natural defense mechanisms, allowing it to better protect itself from environmental stressors such as pollution, UV rays, and other harmful elements.

Furthermore, oxygen can help to stimulate collagen production, which is a key component in maintaining the elasticity and firmness of the skin. Collagen helps to keep the skin looking youthful and plump, reducing the appearance of fine lines and wrinkles.

For the skin to function correctly, it must have an adequate oxygen supply. As we age, the oxygen levels in our skin decline. Studies have shown that even at the age of 25, facial skin can have as little as 30-40% oxygen than that of a healthy child or teenager. The decrease of oxygen can result in a lack of collagen synthesis (pre-mature aging), impaired cell renewal (dullness & roughness), and hyperpigmentation (age spots). By using Luzern products, you can increase the oxygen levels in the skin to prevent or reverse these conditions.

- Oxygen is a **catalyst and energy source for most cellular functions, including collagen production and detoxification.**
- Oxygen is **vital for all cells to sustain proper metabolism**
- Oxygen is **essential in helping to maintain healthy tissues.**
- Oxygen is vital as a **fuel source for metabolism, removal of old tissue, and production of new tissues.**
- Oxygen has a significant role in **wound healing, essential to provide an additional energy source for the repair process.**

What are the benefits the Oxygen Infusion Treatment?

Topical oxygen infusion has a multitude of benefits for the skin. Here are some of the key benefits:



Increased oxygen supply: Topical oxygen infusion helps to increase the supply of oxygen to the skin, which is essential for healthy cellular metabolism. Oxygen is necessary for producing collagen and elastin, key components of healthy skin.



Increased skin hydration: Topical oxygen infusion helps to improve the skin's moisture levels, leaving it feeling plump and hydrated. This is because oxygen helps to stimulate the production of collagen and elastin, which are crucial for maintaining skin hydration.



Improved skin texture: Oxygen infusion can help to improve the texture of the skin by reducing the appearance of fine lines and wrinkles. This is because oxygen helps to promote cell turnover, which can help to reveal smoother, more youthful-looking skin.



Brighter complexion: Oxygen infusion can help to brighten the complexion by increasing blood flow to the skin. This increased circulation can help to reduce the appearance of dark circles, puffiness, and dullness.



Improved skin healing: Oxygen infusion can help to speed up the healing process of the skin by stimulating cell regeneration. This can help to reduce the appearance of scars and other skin imperfections.



Reduced inflammation: Oxygen infusion has anti-inflammatory properties that can help to reduce redness and inflammation in the skin. This can be especially beneficial for those with acne-prone or sensitive skin.



Enhanced skin regeneration: Oxygen infusion can help to stimulate the regeneration of new skin cells, which is essential for maintaining healthy, youthful-looking skin.



Protection against environmental damage: Oxygen infusion can help to protect the skin against environmental damage, such as UV radiation and pollution. The infusion of antioxidants and other nutrients can help to neutralize free radicals and prevent oxidative stress, which can lead to premature aging and other skin damage.

Overall, topical oxygen infusion is essential for maintaining healthy, youthful-looking skin. It can help to increase oxygen supply, improve hydration, enhance skin regeneration, reduce inflammation, and protect against environmental damage. Incorporating oxygen infusion into your skincare routine can help to promote healthy, radiant skin for years to come.

Are there any adverse side effects of having an Oxygen Infusion Treatment?

No, Oxygen facials do not cause any uncomfortable side effects. This treatment infuses the skin with pure medical-grade oxygen and specialized serums to yield immediate visible results. The Luzern Oxygen Nebulizer handpiece is held at a 90-degree angle, 1mm or less from the skin surface. This application creates an oxygen “pressure bubble.” This oxygen pressure is known to enhance vasodilator properties, meaning that it can cause blood vessels to widen temporarily, giving your complexion that healthy glow. This process helps to flush out impurities from the tissue and increase circulation, so you are left with detoxed skin and a rosy glow.

Who can benefit from the Oxygen Infusion treatment?**All skin types/conditions and concerns**

- **Individuals with dry or dehydrated skin:** Oxygen infusion can help to increase skin hydration and promote a healthy, dewy glow.
- **Individuals with aging skin:** Oxygen infusion can help to stimulate collagen production and reduce the appearance of fine lines and wrinkles.
- **People with acne-prone or congested skin:** Oxygen infusion can help to reduce inflammation and promote healing, making it an excellent option for those with acne-prone or congested skin.
- **Individuals with sensitive skin:** Oxygen infusion is non-invasive and gentle, making it a good option for those with sensitive skin.

Individuals looking for a quick and effective skincare treatment

Oxygen infusion is a quick and efficient treatment that can be performed in a relatively short amount of time, making it ideal for busy individuals.

No age restrictions/ Gender neutral

There is no specific age when oxygen infusion treatments become necessary or most effective, as individuals of all ages can enjoy the benefits of these treatments.

- Younger individuals can benefit from oxygen infusion treatments as a preventative measure to maintain healthy, youthful-looking skin. Oxygen helps to promote healthy cellular respiration and collagen synthesis, which can help to reduce the appearance of fine lines and wrinkles over time.
- Older individuals can also benefit from oxygen infusion treatments to address existing signs of aging, such as wrinkles, sagging skin, and age spots. Oxygen infusion can help to improve skin hydration, texture, and overall radiance, which can help to give the skin a more youthful and refreshed appearance.

Who can benefit from the Oxygen Infusion treatment? (Continued)**Advanced post-treatments:**

- Post-treatment oxygen infusion can be a beneficial addition to the aftercare routine for individuals receiving peels, laser treatments, or micro-needling. These procedures can cause temporary damage to the skin's barrier and increase inflammation, which may lead to redness, dryness, and discomfort.
- Oxygen infusion helps to stimulate the healing process by increasing blood flow and oxygen supply to the treated areas. The infusion of oxygen and nutrients into the deeper layers of the skin can help to support the skin's natural healing process, reduce inflammation, and soothe any discomfort.
- Additionally, oxygen infusion can help to improve the overall health and appearance of the skin. The increased oxygen supply can stimulate collagen and elastin production, promoting skin regeneration and reducing the appearance of fine lines and wrinkles. The infusion of nutrients and antioxidants can also help to nourish and protect the skin, leaving it looking and feeling radiant.

In summary, post-treatment oxygen infusion can help to support the skin's natural healing process, reduce inflammation, and improve the overall health and appearance of the skin. It can be a beneficial addition to the aftercare routine for individuals receiving peels, laser treatments, or micro-needling. Consult with a Luzern skincare professional to determine if oxygen infusion is proper for your specific needs and concerns