

# **What is Radiofrequency?**

**Radio Frequency , we call it RF.**

**The principle of radio beauty instrument is to let the dermis layer heat up, so that collagen growth and remove wrinkles.**

**Our skin has the ability to grow and repair itself. After the skin is injured, the ability to grow and repair is several thousand times faster than usual, and the collagen will increase significantly. When it reaches 45-60 degrees in a certain time, it will stimulate the cells to secrete new collagen. So as to achieve the effect of skin rejuvenation and skin lightening. Radio beauty equipment is the best effect of the original wrinkle instrument. Compare with Laser, radiofrequency treatment is not affected by skin color.**

**Micro needle rf machine add vacuum on the original basis of radio frequency. The vacuum absorbs the skin, and then the needling release energy, it can avoid the uneven energy of the needle intrusion into the skin due to skin elasticity. The treatment effect is better than ordinary radio frequency.**

**Radiofrequency microneedling is a cosmetic procedure. It uses tiny needles and radiofrequency waves to rejuvenate facial skin.**

**The treatment is a form of controlled skin injury. The damage stimulates the growth of healthy new skin, which can benefit common skin issues like acne scars and wrinkles.**

Compared with treatments like chemical peels and dermabrasion, radiofrequency microneedling is minimally invasive. Read on to learn about the procedure, side effects, and benefits.

## What is radiofrequency microneedling?

Microneedling uses a fine needle to create microwounds, or channels, in the skin. This triggers the production of capillaries, elastin, and collagen. It's also called skin needling or collagen induction therapy.

If the procedure also uses radiofrequency waves, it's called radiofrequency microneedling. The needle releases radiofrequency into the channels, causing additional damage. This enhances the effects of standard microneedling.

The skin that grows back is thicker and smoother. This can target:

- fine lines
- wrinkles
- stretch marks
- appearance of large pores
- acne scars
- scars from injury or surgery
- hyperpigmentation
- loose, sagging skin
- cellulite
- hyperhidrosis

You can also get radiofrequency microneedling with platelet-rich plasma (PRP).

In this procedure, your provider draws blood from your arm and uses a machine to separate the platelets.

After a microneedling session, your provider injects or applies the platelets to the treated area. This may maximize the results of your treatment.

## **Who's an ideal candidate for radiofrequency microneedling?**

Radiofrequency microneedling is considered safe, but it isn't appropriate for everyone.

You may be an ideal candidate if you:

- are in good health
- have early signs of aging
- have realistic expectations

Alternatively, you should avoid the treatment if you:

- currently or recently used Accutane
- have an active cold sore breakout
- have a skin infection
- have a moderate to severe skin disease (like psoriasis)

- are receiving chemotherapy or radiation therapy
- are pregnant
- are taking anticoagulants
- have a history of keloids, hypertrophic scarring, or poor wound healing

## What's the radiofrequency microneedling procedure like?

If you're interested in the procedure, you'll need to meet with a healthcare provider, such as a [cosmetic surgeon](#).

### Prior to the procedure

At your initial appointment, your provider will ask questions about your medical history and expectations. They'll also take photos of your face to determine the best technique for your condition, as well as provide instructions on how to prepare for the procedure.

If you have active acne breakouts, you may be asked to take oral antibiotics. If you have a history of cold sores, you might need to take oral antiviral medication.

### During the procedure

Your actual procedure will take place in your healthcare provider's office. Generally, here's what you can expect:

- 1. A healthcare provider cleans your skin with alcohol to prevent infection.**
- 2. They apply a topical anesthetic to the treatment area about 1 hour before the procedure. In some cases, they might inject a local anesthetic instead. The anesthetic numbs the area so you won't feel pain.**
- 3. The microneedling device makes tiny wounds in the skin. Simultaneously, the tip of the needle releases radiofrequency waves into the wounds.**
- 4. The procedure takes 10 to 20 minutes. The exact duration depends on what you're treating.**
- 5. A healthcare provider applies a growth solution to support cell regeneration. They finish with a soothing solution to minimize any discomfort.**

## **After the procedure**

**You can go home after the treatment and return to your normal activities.**

## **What's the best way to take care of your skin post-radiofrequency microneedling?**

**After your procedure, your doctor will explain how to care for your skin. This will include the following aftercare tips:**

- Apply ice packs to reduce swelling and discomfort.**

- **Wear SPF for several weeks after your treatment. Your skin will be extra sensitive to the sun during this time.**
- **Use antibiotic creams or emollients if your doctor prescribed them.**
- **Use a gentle cleanser after your treatment.**
- **Avoid wearing makeup until the next day. After 24 hours, you can return to your normal makeup and skin care routine.**

## **When to expect results**

**You'll see results after 3 to 6 months. The exact time frame depends on the type and severity of your condition.**

**In most cases, you'll need at least four sessions. This also depends on what you're treating. For example, if you have moderate acne scars, you'll need about three or four treatments. Bigger scars might need five treatments.**

**These sessions will be done every 3 to 8 weeks. This lets your skin heal between treatments.**

**After the initial set of treatments, the results will last about 1 year. It's recommended to have a touch-up session once a year to maintain your desired results.**

## **Are there any potential side effects of radiofrequency microneedling?**

**Typically, radiofrequency microneedling is well tolerated. But like all cosmetic treatments, it may cause some side effects.**

**Possible side effects include:**

- **dryness**
- **redness**
- **scaling**
- **itching**
- **swelling**
- **mild acne flare-up**
- **cold sore breakout**

**These side effects might last for a few hours or days.**

## **What is Fractional RF**

**What is Fractional?**

**Normal RF is sending all energy to skin, but Fractional RF is sending energy out to each point, it does not damage the skin, and easy to be absorbed.**

**The principle of radiofrequency treatment: Sending radiofrequency energy through the needle to reach the dermis layer, heat up skin and stimulate the proliferation of collagen, to promote the re-arrangement of elastic fibers, to achieve skin tightening and wrinkle removal effect. The energy is more even.**

**Fractional Radiofrequency Skin Resurfacing provides an effective treatment to repair and rejuvenate damaged skin. This treatment**

can diminish the appearance of wrinkles, scars, visible pores, stretch marks, and uneven skin texture and pigmentation, creating noticeably smoother, healthier skin.

Beautiful skin is what you want, and what you deserve! Fractional Radiofrequency Skin Resurfacing treats undesirable skin imperfections on your face and body. It's now easier than ever to improve the way your skin looks and feels, without surgery or lengthy recovery times.

Fractional Radiofrequency Skin Resurfacing can improve the appearance of:

- Age spots
- Sun damage
- Skin tone & texture
- Wrinkles
- Surgical scars
- Acne scars
- Stretch marks

## **ADVANTAGES OF FRACTIONAL RADIOFREQUENCY SKIN RESURFACING**

- Safe and effective for all skin tones
- Flexible treatments for several skin conditions
- More comfortable than traditional skin resurfacing treatments
- Quick treatment sessions
- Minimal downtime
- Excellent treatment outcomes