

PRP vs. Plasma Therapy: How Do They Compare?



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It seems like every day there is a new non-invasive option for rejuvenating the skin. While Plasma therapy is new to the scene, it's a treatment you'll likely be hearing about more frequently.

Before we dive into the multitude of benefits plasma therapy delivers to the skin, let's discuss what plasma is first.

What is plasma?

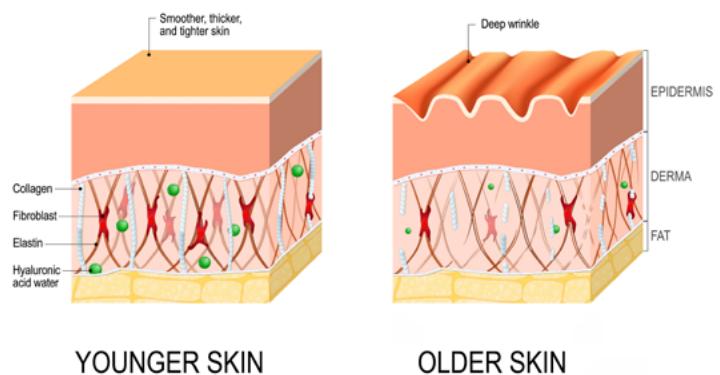
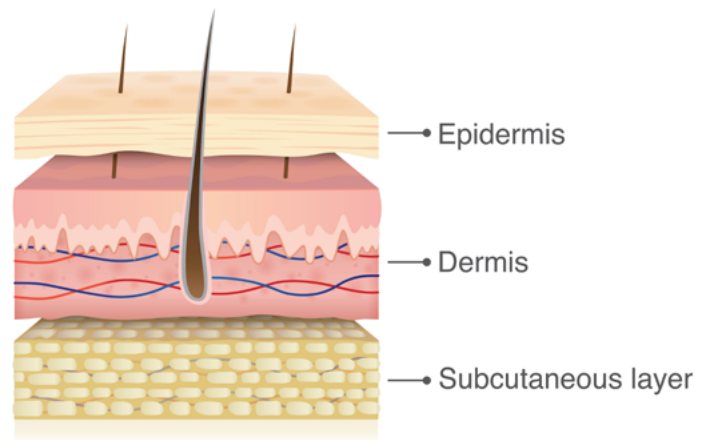
Plasma is often called the 'fourth state of matter' after solid, liquid, and gas. [Plasma](#) makes up the sun and the stars and is the most common state of matter in the entire universe. Oftentimes, people think that plasma is a subset of gas, but the two behave very differently. Some of the confusion lies in the fact that both plasma and gas have no shape or volume, and are less dense than solids and liquids. Plasma differs from gas because plasma contains a significant portion of charged particles, which include ions and/or electrons, and allow for plasma to be electrically conductive.

A quick overview of the anatomy of skin

Now that we have explained what plasma is, the following is a quick overview of the skin's anatomy.

The skin is made up of three layers including the [epidermis](#), [dermis](#), and [subcutis](#) (also referred to as subcutaneous fat or hypodermis). The epidermis contains melanocytes, which are pigment-producing cells responsible for skin color. The dermis is made up of collagen and elastin fibers that provide the skin with pliability, strength, and

elasticity. As we age, the epidermis gets thinner, blemishes become more noticeable and collagen in the epidermis is gradually lost, which contributes to skin sagging and wrinkles.



What is plasma therapy for the skin and what are the benefits?

As we mentioned prior, plasma is the fourth state of matter in which the electrons are stripped from the atoms to create an ionized gas. Unlike lasers that work on the principle of selective light energy to deliver targeted heat to the skin, plasma therapy delivers heat energy directly to the skin. Plasma can be utilized at varying strengths to address the dermis, as well as deeper layers of the skin. It helps stimulate new collagen, improves the skin's texture and tone, and helps reduce the bacteria that causes acne—all without causing damage to the skin.

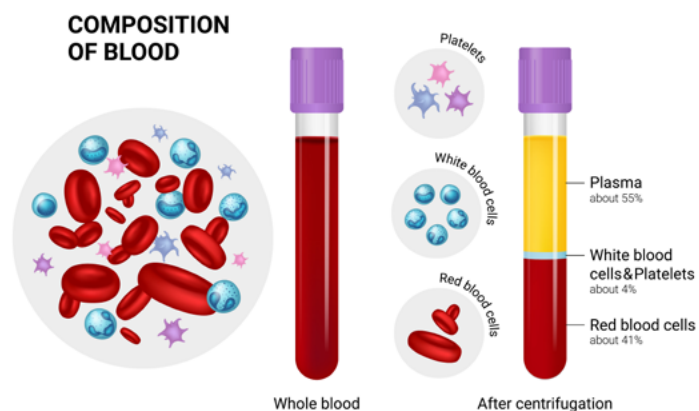


Don't confuse plasma skin therapy with PRP—they are *not* the same treatment.

You may have heard of platelet-rich plasma (PRP), which is commonly referred to as the '[vampire facial](#)'. This is a completely different treatment than plasma therapy. PRP facials are considered medical and have to be done in a medical setting because a blood sample is drawn. Plasma therapy can be done in a spa setting by a non-medical practitioner.

Blood is made up of four primary components including red blood cells, white blood cells, plasma, and platelets. To create the PRP, the blood sample is first spun in a centrifuge to extract the protein-rich plasma and the platelets. Then, the red and white blood cells are removed completely. Last, the plasma and platelets are combined, which is how the PRP is created. This is where the magic happens. Once the PRP is created, it can be applied to the treatment area where the platelets release essential growth factors and signaling proteins.

By introducing PRP back into the skin, the body's own natural healing process is initiated to create new collagen and elastin formation. Once the treatment is completed, the skin will look smoother and more full and will appear tighter. The treatment does require some downtime that varies from person to person, but typically improves after a couple of days. Many people do find the treatment to be slightly painful—it's common to use numbing cream pre-treatment.



How is plasma therapy delivered to the skin?

Now that you understand that plasma therapy is different than PRP, how is plasma therapy administered to the skin?

Meet [Plason](#), a Class-1, FDA-registered device from South Korea, which is geared toward non-medical professionals, like estheticians. Plason is a non-invasive and non-ablative technology, which means it doesn't damage or impact the skin.

So, what is Plason?

Plason is the first non-invasive device in the United States that offers two different technologies: **plasmaporation**, which is based on the concepts of atmospheric plasma, and **sonoporation**, which is based on ultrasonic technology.

With Plason, you can treat a wide variety of skin conditions due to the device's unique ability to deliver the plasmaporation as a standalone treatment or to combine it with the sonoporation. This capability not only allows for customized treatment protocols but also widens your customer base, all without the need for a medical professional overseeing the treatment or your spa.

While the sonoporation can be used on its own, it isn't recommended, because the plasmaporation used in conjunction with sonoporation drastically improves the results for your clients. Furthermore, the combination treatment is one of the key differentiators when compared to other treatments.

During the treatment, the Plason handpiece

essentially showers the skin with a positive and negative ion stream, plasma, and actively charged molecules that not only benefit the skin's cells but also eliminate bacteria and sterilize all skin types.



What conditions does Plason treat?

Now that we have established that Plason offers two different treatment protocols with one device, let's delve into the skin conditions that both modalities address.

First, we will start off with the plasmaporation treatment as a standalone treatment, known as PlasmaClear; then, we will explain what the PlasmaFacial is, which incorporates the sonoporation. Both treatments initiate skin renewal at the skin's dermal level through the epidermis and are safe for all skin types (types I-IV on the Fitzpatrick scale) with no adverse reactions.

PlasmaClear is clinically proven as a solution to active acne, showing a 28% improvement in acne on average. PlasmaClear naturally breaks down bacteria and sterilizes the skin all the way to the base of the dermis. As an added benefit PlasmaClear will also

even skin tone, initiate collagen remodeling, smooth out fine lines and wrinkles and increase the skin's absorption rate.

The PlasmaFacial is an incredibly powerful combination treatment that incorporates both the plasmaporation and the sonoporation technologies. This treatment helps clients with acne, hyperpigmentation, dullness, and wrinkles, and increases the absorption of serums by up to 120 times without causing any damage to the skin, especially when compared to injectables. PlasmaFacial treatments are painless, require no downtime, and typically last 15-20 minutes, not including skin prep. Additional benefits of the PlasmaFacial include improvement in skin elasticity, facilitation of the discharge of impurities in the skin, and stimulation of the body to naturally create more collagen.

How many Plason treatments does your clients need?

For both the PlasmaClear and the PlasmaFacial, a series of six treatments spaced out once a week is the typical treatment protocol. Depending on your client's concerns, in some instances, this cadence may be made more frequently as long as there is a 12-hour gap between treatments.

For example, if your client has severe acne, we recommend that 2-3 treatments be given in the first week, followed by one treatment per week until the suggested series of 6 treatments is complete. There is no maximum threshold of treatments that a client is able to have as long as there is a 12-hour gap between treatments. However,



Acne



Hyperpigmentation



Wrinkles

to maximize the results of the Plason treatment, it is recommended that no more than 3 treatments be administered per week.

Results are visible after just one treatment, but the treatment series is going to deliver the best outcomes for your clients.

Plason is a powerful treatment device, but it's not a cure for acne (or other skin conditions) and the results are not permanent. Therefore, a maintenance protocol is always recommended to maintain the desired results. The typical maintenance schedule is 1-2 treatments per month—once

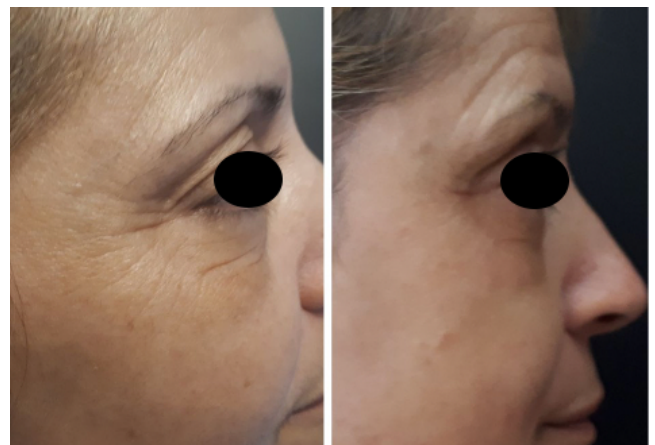
the initial series of 6 treatments has been performed—but each client is different, so you will need to base your recommendations for maintenance on their skin needs.

Should your client decide not to commit to a maintenance program, the results for both treatment types will last as follows (of course their lifestyle choices, like whether or not they smoke or have a healthy diet, their hormones, etc. will also come into play):

- PlasmaClear: roughly 6 months with no maintenance
- PlasmaFacial: roughly 6-9 months with no maintenance



1 session – acne



5 sessions – wrinkles



6 sessions – wrinkles



3 sessions – acne

Are there things your clients should avoid right after the Plason treatment?

While the Plason treatments are pain-free with no downtime, some of your clients may see a slight redness immediately after the treatment. This will go away on its own in roughly 20 minutes or so. However, there are some activities that your clients should avoid immediately after the treatment, including the following:

- Do not place any products (including makeup or SPF) on the skin for 4-6 hours after the treatment. Avoid placing your cell phone on your cheek during this time as well.
- Tie up or pin back hair to avoid it touching the face for 4-6 hours.
- Wear a hat if you cannot avoid the sun for 4-6 hours.
- Try not to exercise for 4-6 hours afterward, to reduce the chance of sweat gathering on the face.
- Avoid getting your face wet for 4-6 hours following the facial.
- Try not to touch your face for a minimum of one hour after treatment, although 4-6 hours are preferred.
- Be cautious when eating or drinking for the first 4-6 hours after the treatment not to get food or beverage on the skin, particularly around the lips (i.e. no frothy coffees!).
- Ensure you sleep on a fresh pillowcase the night of your treatment.
- If wearing a protective face mask, a clean surgical face mask should be applied after your treatment.

If your clients have questions about SPFs or

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moisturizers, or have any other skincare-related questions, they should talk to you first. If you are not sure about the answer, someone from our customer support team can provide clarification.

Are there clients that Plason is not appropriate for?

Plason is a great treatment option for a variety of your clients, but like anything, it isn't appropriate for everyone, including:

- Clients who are pregnant or breastfeeding
- Anyone under the age of 18, unless there is parental approval
- Individuals with a pacemaker or who have an internal defibrillator
- People with permanent implants that are metal, silicone, or an injected chemical substance
- Clients with open wounds
- Cancer patients (patients who have had cancer in the past 5 years should check with their doctor first)
- Clients who have had surgery in the past 3 months
- People who have diabetes, thyroid disorder, or other kinds of endocrine issues

Moreover, your clients who have had fillers will need to wait at least 2 days after getting the injectable to have a Plason treatment. Clients who have just had Botox will need to wait at least 2 weeks before having a Plason treatment.

Plason offers an affordable solution to enable you to meet the growing skincare demands of your clients and make your spa even more profitable. *It's a win-win for everyone.*



Conclusion

Plason offers non-medical practitioners a powerful tool to compete with medical spas. This revolutionary technology allows you to treat a variety of skin concerns like acne, aging skin, hyperpigmentation, and other common skin concerns for a wide range of clients. Compared to lasers, which require a big financial investment upfront in addition to service contracts to maintain them, Plason offers an affordable solution (for you and your customers) to enable you to meet the growing skincare demands of your clients and make your spa even more profitable. It's a win-win for everyone.

Don't miss out on this amazing opportunity for you to grow your practice and your customer base. For more information on Plason, please [contact one of our sales representatives](#) to answer any additional questions you may have or to purchase the device.

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