A NON-LASER REVERSAL PROCESS

Rejuvi Tattoo Removal Technique

For Correction of Micropigmentation and Diminishing Body Tattoos

TECHNICIAN’S USER GUIDE

Second Edition
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See Remarkable Results!

Usually one treatment can completely and safely remove permanent makeup such as tattooed eyebrows and lip liners.

Usually takes 3 - 6 treatments to completely diminish body tattoos with minimal scarring or other undesirable effects.
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Preface

Rejuvi Tattoo Removal Technique utilizes chemical extraction mechanism to remove tattoo pigments from the skin. It was initially developed to reverse micropigmentation or permanent Makeup (mainly tattooed eyebrows) in the early 1990's. This technique has been used to diminish body tattoos since the mid 1990's. Since the pigments of body tattoos are much deeper in the skin than micropigmentation, the application methodology is significantly different from the removal of micropigmentation or permanent makeup.

Rejuvi Tattoo Removal Technique is mainly designed for extraction of traditional inorganic pigments including Indian ink (home made tattoos). This technique might not be applicable to polymer based pigments or inorganic pigments coated by polymers.

This technique uses tattoo over procedures with tattooing equipment so that it is very compatible to permanent makeup artists and tattoo artists as well as skin care professionals with a tattooing background.

Rejuvi Tattoo Removal Technique is a legitimate process instead of an overnight wonder. Please carefully read later sections to acquire sufficient understanding and knowledge about this technique before making any removal attempt.

Since improper procedures could result in scarring, it is strongly recommended that a micropigmentation artist first removes a small portion of tattooed eyebrows and a tattooist first removes a small portion of body tattoo as a startup or a test of this technique.

After becoming familiar with the treatment process and achieving desirable results, then you can treat a bigger area and even crossover (micropigmentation artists treat body tattoos and vice versa).

Since liability is an extremely important issue in U.S.A., you must follow the required documentation (described in a later section) such as filling out Medical History Form, Consent Form, explaining the process and Aftercare, and giving out Aftercare Instruction Sheet. It is strongly recommended that you take before/After photos and make detailed treatment records.

Compared with various LASER methods and other removal methods, it is more effective, non-color selective, less painful, safer and much less expensive. Rejuvi Tattoo Removal Technique is a useful tool to reverse micropigmentation and body tattoos. It is a very beneficial service to your clients and is a great source of income or profit as well. Please make a good effort to master this technique.

We wish you good success with Rejuvi Tattoo Removal Technique!

Dr. Wade Cheng,
Ph.D, Sc.D., Inventor
Introduction

Rajiv Tattoo Removal is a non-Laser technique. More accurately, it is a unique chemical extraction process.

Traditional or common micropigmentation or tattoo pigments are inorganic metal oxides such as iron oxides, carbon black, chromium oxide or titanium dioxide etc. These inorganic metal oxides are insoluble in water and most organic solvents. Therefore, they can last a long period of time after they are buried in the skin.

Rejuvi Tattoo Removal System consists of alkaline earth metal oxides and transitional metal oxides (in similar particle size range with tattoo pigments) in a special formula (Suspension). The metal oxides in Rejuvi Tattoo Removal System have very similar physico-chemical properties to tattoo pigments so that they have good chemical affinity or miscibility. The old saying "like attracts like" reflects this principle. When Rejuvi Tattoo Removal Suspension has good physical contact with tattoo pigments (in the skin), tattoo pigments merge gradually into Rejuvi Tattoo Removal Suspension. Rejuvi Tattoo Remover is also incompatible to the skin so that the skin repels or ejects it. After the tattoo pigments merge into the Rejuvi Removal Suspension, the skin rejects the mixture to the skin surface (forms a crust or scab, which will detach from the skin). This extraction process is illustrated in Diagram I.

![Diagram I. Illustration of Chemical Extraction Process](image)

The application of Rejuvi Tattoo Removal Suspension is a tattoo-over process using a cosmetic rotary machine or coil tattoo gun. As far as procedures are concerned, the removal process consists of four steps: Step I. Apply topical Anesthetic (may apply again in step 2 for removal of micropigmentation); Step II. Apply Rejuvi Tattoo Removal System via tattoo-over (in a salon or studio); Step III. Let it dry and form a crust (at home); Step IV. Finally, a crust peels off and skin recovery period starts (at home). Step I & II usually take 0.5 to 1.5 hours depending upon the size of a removal area. Step III usually takes 7 to 25 days, depending upon the application depth for a particular removal (removal of micropigmentation usually takes 7 to 14 days). Step IV usually takes 1-3 months for micropigmentation and 3-6 months for body tattoos. After a crust comes off, the skin usually becomes fairly red and even slightly raised at the edges. It is not scarring and will heal, returning to normal over time.

Since the tattoo pigments of micropigmentation or permanent makeup are located pretty shallow in the skin (between epidermis and very upper dermis), usually one treatment can achieve a
desirable result and the risk of scarring is minimal, if a treatment is properly performed. After the scab peels off, there is a tender redness on the skin. It is normal and apply Rejuvi "h" Super Soothing Cream daily to help the skin healing process. The skin will gradually return to a normal state in 1-3 months. The success rate for removal of micropigmentation or permanent makeup was close to 100% in the study (see Appendices, page 35).

The duration of tattoos does not affect the removal process significantly. Some tattoos over 20 years have been removed by Rejuvi technique successfully. Of course, newly made tattoos (less than a year) may be slightly easier to remove compared to old tattoos.

The tattoo pigments of body tattoos are located considerably deep in the skin (between upper dermis to mid-dermis). Hence, the extraction process becomes significantly harder and a deeper puncture might disturb the skin appendage resulting in a hypertrophic scar (keloid) or puffy redness (sometimes with blister). The success rate was approximately 92% and scarring rate was about 6% in the study (see Appendices, page 35). No hypo or hyper-pigmentation effect was observed. All success rates are on the basis of virgin tattoos, i.e., no previous removal attempt was made on tattoos. It has been found that Laser removal could change skin tissue or physico-chemical properties of tattoo pigments. This complication may affect the success rate, depending upon a particular condition (case by case).

In order to minimize undesirable scarring, any attempt to remove all tattoo pigments with deep puncturing by one treatment must be avoided. Consequently, a prudent multiple-session approach is developed. In this approach, puncturing must be controlled at normal tattooing depth and excessive or prolonged puncturing must be avoided in treatment. Based upon the result from the first treatment, then decide how to make second treatment after sufficient skin recovery (8 to 10 weeks). It has been observed that tattoo pigments in deep position (below puncturing depth) could be raised up to some degree after a treatment. Hence these deeper pigments might be removed in a second or later treatment with the same puncturing depth. The multiple-session approach (3-6 treatments) could diminish tattoos very well with the scarring rate down to about 1% (see Appendices, page 37).

It should be stressed that Aftercare is an important portion of the removal process. Improper removal of crust, severe infection and considerably scratching on a treated area may cause scarring as well. Hence, a good explanation of the Aftercare process, giving a written Aftercare Instruction and timely communication with clients about the Aftercare process, is just as important as a treatment performed at salons or studios.

The sections of “Techniques and Tips” for removal of micropigmentation or body tattoos provide detailed procedures, device & needles to use, precautions, and more aftercare information. Please read these sections carefully and acquire more detailed information before performing the removal treatments.

If you have any questions or problems about this technique, please do not hesitate to contact Rejuvi via E-mail:rejuvi@mindspring.com or phone (650) 588-7794. Rejuvi technical support is available at 9 am to 5 pm (Pacific Time) from Monday to Friday (except Holidays).
ABOUT THE PRODUCTS

Rajiv Tattoo Remover contains deionized water, zinc oxide, magnesium oxide, calcium oxide, triethanolamine, n-propanol and benzoic acid. It is packaged in a tall glass bottle (10 grams) with a stainless steel rod (for mixing purpose). It can remove about 6 square inches of tattoo area (40 square centimeters). Since metal oxide particles may settle down in the suspension, the product must be shaken vigorously (made uniform) before each use.

In case the product becomes too thick to shake, add a few drops of distilled water or clean drinking water and stir well using the provided stainless steel rod (do not add too much water). After shaking, dispense 3-4 drops at a time into a small #9 Ink Cap. If you are doing a very large area at a time, you might consider using a big Ink Cap #16 (both ink caps on Flexicape holder are shown in Figure 1).

Rajiv "h" Super Soothing Cream contains aloe vera oil, shea butter, deionized water, cetyl alcohol, suma extract, vitamin E and licorice extract. It provides great skin soothing and healing power. It is designed to diminish the redness and help skin recovery after the crust comes off. Apply a small amount to the treated area twice a day for 6 - 8 weeks. For a better result, use a bandage to cover up the treated area. It is packaged in a small jar (8.5 grams) and give to clients for aftercare.

Painaway Solution contains ethyl alcohol, hydrogenated sunflower oil, lidocaine, deionized water and stearyl glycyrrhizinate. It is chemically very compatible to Rajiv Tattoo Remover (not any interference). Some other topical anesthetic products have been found to interfere with Rejuvi Tattoo Remover causing skin damage. It is also a powerful topical anesthetic providing a skin numbing effect to make the removal process comfortable and user friendly. Painaway Solution is also great for doing painless micropigmentation and tattoos. It is packaged in a glass bottle with a fancy dropper (30 ml) and should be transferred into Ink Cap #9 for use.

Three products - Rejuvi Tattoo Remover, Painaway Solution and Rejuvi "h" Super Soothing Cream are sold as a kit to all users making their first purchase (see Figure 2). All the products can be purchased separately afterwards.

Painaway Cream contains deionized water, sunflower oil, lidocaine, tetracaine, PEG-400 stearate, cetyl alcohol, sorbitan oleate, polysorbate 60, xanthan gum and methylparaben. This topical anesthetic cream can be used for unopened skin and covered by a plastic food wrap for 5-10 minutes. After wiping off, puncture the skin and then apply Painaway Solution. Painaway Cream could minimize the pain due to initial puncturing and is designed for the removal of micropigmentation such as eyebrows or lip liner. Painaway Cream can be used for permanent makeup, including eyeliner, because it does not have any irritation to the eyes. It is packaged in a plastic bottle (17 grams, shown in Figure 3).

Rejuvi Sani-clean contains ethyl alcohol, aloe vera gel, propylene glycol, isopropyl alcohol, glycerin, phenoxyethanol and fragrance. It can kill bacteria and virus in seconds. It is used for cleansing and sterilizing the skin before a treatment. It is great for doing tattoos and micropigmentation as well. It is packaged in a plastic bottle (8 fl oz. or 240 ml) with a dispensing pump. The large size (32 fl oz. 960 ml) is also available (shown in Figure 4).
Instructions for Removal of Permanent Makeup

(mainly for eyebrows and lip liners, do not remove eyeliner)

1. Carefully determine the unwanted tattooed area for removal. Do not try to remove the entire eyebrows and then retattooing. It is recommended to minimize the area to be removed. **Do not remove any eyeliner (dangerous)!**

2. Cleanse and dry the eyebrow area to be removed (Rejuvi Sani-Clean is recommended), apply Painaway Solution (suggested topical anesthetic) and wait for one minute before the treatment and during the treatment as needed (after wiping off the Tattoo Remover). For a better numbing method, please see Techniques and Tips (page 10).

3. Shake or stir (with the stainless rod provided in the package) Rejuvi Tattoo Remover vigorously before use. If it is too thick, add a few drops of sterile water or clean drinking water to make a fluid suspension with vigorous stirring. Then transfer into an Ink Cap #9 for use. Make sure Rejuvi Tattoo Remover is uniform (no particle settling) before each treatment.

4. Using a rotary micropigmentation machine with a round triple needle (no bigger than round 5 needle), puncture the colored area with Rejuvi Tattoo Remover paste (dip needle in the Tattoo Remover frequently). This is very close to a tattoo-over process.

**Do not puncture significantly deeper than normal permanent makeup or Micropigmentation.**

5. After puncturing all the area, leave the paste on for 1-2 minutes, then wipe off with a dampened cotton pad (Painaway Solution should be applied again). Some dark green color can be observed in the cotton pad.

6. Repeat steps 4 & 5 until almost all tattoo pigments are removed or no more color can be seen on the cotton pad. Usually it takes 2-3 repetitions.

7. Wipe treated area with damp cotton pad and then apply a thin layer of the Tattoo Remover Suspension on the treated area to complete the treatment. If you do not wipe off the Tattoo Remover after the last repetition, the thin layer may not be applied (save the product) except making some adjustment - make even for the thin layer of Tattoo Remover.

8. Give a written copy of Instructions of Care After Treatment to your customer.

9. The Micropigmentation or retattooing can be made at the treated area after 2 months (make sure the skin heals well).
Illustration for Removal of Micropigmentation

Dip the needle in Tattoo Remover and then puncture the tattoo area. Same as a tattoo over process.

Wipe off the Tattoo Remover with a cotton pad after puncturing (usually 2-3 repetitions for eyebrows removal).

Apply a thin layer of Tattoo Remover for further extraction (keep away from water).

Dark crust will peel off within 7 to 15 days. Do not force crust off.

Apply "h" Super Soothing Cream or Bacitracin for skin healing.

The redness will diminish gradually in 1 - 3 months (skin will become normal).
Techniques and Tips
(for Removal of Permanent Makeup)

The removal or correction by Rejuvi Tattoo Removal on Micropigmentation or Permanent Makeup is primarily for tattooed eyebrows. Do not do any removal or correction for tattooed eye liners because it is too dangerous if Rejuvi Tattoo Remover gets into the eyes. For lip liners, theoretically, it can be done. However, it is not easy to keep the treated lip line dry until the scab or crust peels off. Very often, the treated lips area gets in contact with food, particularly drinks such as juice and soda, which may cause infection or interference with the crust or scab. Lip liners have been successfully removed with a good cooperation of customers.

Since re-tattooing is always needed after removal of a permanent makeup, it is wise to minimize the removal area or consider a trim if possible. In the case of trimming, always remove slightly more than necessary to avoid a second treatment (see Diagram II). If performance is proper, usually only one treatment session is needed for removal or trim of a permanent Makeup.

MACHINE, NEEDLE AND MOVEMENT

The rotary permanent makeup or Micropigmentation machine should be used (see Figure 5). Do not use a strong coil tattoo machine which could easily puncture the skin deeper than normal. It is recommended to choose a rotary machine with firm and smooth reciprocating up/down motion with minimal eccentric motion.

The needles for removal of permanent makeup are round 3 or round 5 needles (see Diagrams III). Round 5 needle is usually for removal of a large area such as entire eyebrows.

Since the puncture is relatively shallow (epidermis to upper dermis), needle movement could be circular, zigzag or straight (see Diagram IV). Since circular movement could cover better for treated area, most of the time, a circular needle motion is used. Usually 2-3 passes in one area are sufficient. Apply Painaway Solution right after wiping off the Rejuvi Tattoo Remover. Do not wipe off for last repetition (to cut down product usage and save time). Do not move needle too slowly as it might over puncture the skin, causing undesirable scarring.
Position an area to be treated in horizontal position and keep the needle perpendicular to the working surface during treatment.

Since pigments are located shallow in the skin, the further extraction and skin healing are usually completed in 10 - 15 days (scab peels off). The redness will diminish in 2 - 4 months and make sure the treated skin is substantially healed before retattooing.

OPTIONAL NUMBING METHOD

To minimize the discomfort during a treatment, Painaway Cream may be applied liberally to an area to be treated and then covered with a plastic wrap (clear wrap paper for food) for about 10 minutes (see Diagram V). After wiping off, puncture the area with Rejuvi Tattoo Remover and the customer will not feel any pain or discomfort. Then wipe off the Rejuvi Tattoo Remover and apply Painaway Solution as described in the Instructions (page 6). This method is excellent for Micropigmentation as well.

REMOVAL IMMEDIATELY AFTER MICROPIGMENTATION

Sometimes, an undesirable shape of permanent makeup might happen during or after the Micropigmentation process. In this case, the removal becomes very simple because the skin is still open and the pigments are still in ink suspension. Simply complete the entire Micropigmentation process and then apply Rejuvi Tattoo Removal System on the unwanted area. Keep it dry for a few days and a crust will peel off within a week. Apply Rejuvi “h” Super Soothing Cream for the skin recovery afterwards. This process is shown in Diagram VI.
INSTRUCTIONS OF CARE AFTER TREATMENT
(for removal of Permanent Makeup)

1. The treated area should remain dry at all times. In case of dampness due to white blood cells or accidental contact to water, use a Q-tip to press the treated area gently to remove the water.

2. A brownish crust or scab will form over the treated area after a few days and will peel off naturally in 7-14 days. Do not pick or pull off the crust prematurely as that will increase the risk of scarring and prolong recovery time. Use bandage or tape to cover the treated area temporarily for taking a shower. No swimming, soaking or steaming. A short time (1 to 2 minutes) water contact might be okay but no contact to soap or contact with shower spraying water. After such water contact, use dry & clean cotton pad to press gently the crust to remove water and then let air dry only. Do not allow the crust to get softened by moisture.

3. In case of infection, sterilize with 2% hydrogen peroxide and then apply special ointment such as Bacitracin or Bacitracin Zinc on the skin at the edge of the crust (available at your technician). If the infection still remains, take anti-biotic tablets such as penicillin (consult with your doctor for such prescription).

4. After the crust peels off, the treated skin area will show a significant redness which will remain on the skin for several weeks and will gradually return to normal skin color in 2-3 months. Apply Rejuvi "h" Super Soothing Cream immediately after crust comes off and each time after washing to diminish the redness and speed up skin recovery.

5. In case that an itchiness develops in the treated area during skin recovery period, do not scratch the skin. You may tap the skin for relieving itchiness and apply anti-itch ointment (available at pharmacies). Excessive scratching on the treated area during the healing process might cause scarring.

6. If the color is not completely removed at certain area, the above removal process may be performed again after the treated skin heals well (usually after 2 months).

7. The treated area can be retattooed after the skin heals well (usually after 2 months). Retatooing is very common after removal of permanent makeup or Micropigmentation.

In the case of infection, please contact technician immediately for help or treatment. Most of the time, your technician can solve the problem for you easily and quickly.

Your Technician's Contact Information

Name
Phone
Cell phone
Instruction for Removal of Tattoos

1. Carefully determine the unwanted tattooed area for removal. It is recommended to remove an area not more than 2 square inches at one time to control discomfort level after the treatment. A large tattoo should be divided into several sections for separate treatments.

2. Cleanse and dry the tattooed area to be removed. Apply Painaway Solution for 10-20 seconds and then briefly puncture the entire area, then apply Painaway Solution evenly again. For a big area, puncture the area briefly with Painaway Solution, then apply Painaway Solution evenly again. This anesthetic process could make skin numb for over 1.5 hours.

3. Shake Rejuvi Tattoo Remover vigorously before each use. If it is too thick or dried out, add an appropriate amount of sterile water or clean drinking water to make a fluid suspension with vigorous stirring (use the stainless steel rod provided). Then transfer into Ink Cap #9 for use (for working on a very big area, Ink Cap #16 might be used). Make sure Rejuvi Tattoo Remover is uniform (no particle settling) before each treatment.

4. Using a coil tattoo machine with a round 18 or round 52 needles, puncture the colored area with Rejuvi Tattoo Remover (dip needle tip in the remover frequently). Work on small area 2" to 5" square inches at a time. **Do not wipe off Rejuvi Tattoo Remover on the skin! Do not puncture significantly deeper than normal tattooing!**

5. The needle movement is suggested to be gentle, even pass to cover a colored area completely. A circular or zigzag motion may increase the risk for scarring and should be avoided (see Page 13). Do not puncture non-colored area (if can not see well, then wipe off Tattoo Remover only for that area).

6. Do not puncture an area more than 3 passes (more passes might increase the risk of scarring). Do not move needle too slowly.

7. After puncturing the entire area, leave a thin layer of the Tattoo Remover on the treated area to complete the treatment. The thin layer of Rejuvi Tattoo Remover on the skin should be left to dry before the customer leaves (20 - 30 minutes).

8. Sometimes, a treated area is under clothes. In order to avoid direct contact between the thin layer of Tattoo Remover and clothes, the treated area could be covered by a non-absorbent bandage (with sufficient ventilation) after 20-30 minutes. A gauze type bandage on a soggy crust will stick and pull it loose prematurely. Please make sure there is good ventilation for the treated area i.e., moisture can get out easily.

9. Explain to customers well about the aftercare procedures and cautions and give a written copy of Instructions of Care After Treatment to your customer.

10. Check with the customers after 10 or 20 days to make sure the status is normal. Usually a crust or scab will peel off in a range of 14 to 25 days.

11. The second treatment may be made at the same area after the skin is completely healed (8-10 weeks). Make sure there is No shine left to the skin before doing another treatment.
Illustration for Removal of Tattoos

Dip the needle in Tattoo Remover and then puncture the tattoo area. Same as a tattoo over process.

Do not wipe off Tattoo Remover with a cotton pad. Just puncture the skin with 2 - 3 passes and with sufficient Tattoo Remover on the skin.

Keep an even layer of Tattoo Remover for further extraction. No water contact for initial 72 hours (see page 18 for details).

Dark crust will peel off within 15 to 25 days. Do not force crust off.

Apply "h" Super Soothing Cream for skin healing (Antibiotic for infection).

The redness will diminish slowly in 3 to 6 months or even longer time.
Techniques and Tips
(for removal of body tattoos)

The pigments of body tattoos are usually embedded considerably deeper than those for permanent makeup (in upper dermis to mid dermis or even deeper). Therefore it is considerably harder to remove a body tattoo due to the longer extraction time and possible extra disturbance of skin appendage (sweat gland, hair follicles and cutaneous blood capillaries), and DNA which increases the risk of hypertrophic scar or red tender puffiness (oftentimes with blister). Please see Figure 12 and 13 (page 18).

MACHINE, NEEDLE AND POSITIONING

A coil Tattoo machines or rotary tattoo machine must be used (shown in Figure 7). Cosmetic tattoo machines with small needles has proven to have great risk of hypertrophic scarring for body tattoo removal.

A coil Tattoo Machine and a big round needle (Round 18) or preferably round 52 shown (Rejuvi Patent pending shown in Figure 8) are desirable for removal of a large tattoo area. Do not use flat needles or other needles.

It is preferable to position a tattoo in a horizontal position and work down perpendicularly with a needle. This could minimize the amount of Tattoo Remover flowing to unnecessary skin areas. Use arm rests or pillows or whatever necessary to help clients be comfortable.

A circular or zigzag needle movement may over stimulate the skin and increase the risk of keloid scar. Therefore, an even pass (straight line movement) is recommended. This is shown in Diagram VIII.

In an even pass, move the needle back & forth with slight overlapping to completely cover a treated area (do not miss any color area). This is illustrated in Diagram IX (next page).
Do not make more than 3 passes (2 passes for round 52 needle) for the same area in a treatment and do not move the needle too slowly. Please be aware that slow moving results in more puncture at the same area. For removal of a small tattoo area such as a line or frame, slow moving or over puncturing can happen easily (a typical problem).

Very often tattoos are not solid, i.e., some area does not have color (see Figure 9). Please Do not puncture on non-colored area or normal skin area as it may cause unnecessary redness or scarring. In case you cannot see a non-colored area due to Rejuvi Tattoo Remover covering the skin area, you should wipe it off and then puncture.

CONTROLLING PUNCTURING DEPTH

It is extremely important to puncture the skin at normal tattooing depth. Of course, a deeper puncture could facilitate the removal of tattoo pigments, but the risk of hypertrophic scarring becomes considerably higher as well. Most of the time, the pigment depth in the skin is unknown and it is hard to guess if the tattoo was made by other professionals in the past.

It is wise to find out the pigment depth from the first treatment and then decide what to do for the second treatment (slightly deeper or not). In practice, it has been found that Rejuvi Tattoo Removal suspension could pull the tattoo pigment up toward the skin surface (if there is some physical contact) to some degree. In other words, the bottom tattoo pigments might move up slightly after the first treatment so that they could be removed in a second or later treatment, even if the puncturing depth is the same as the first treatment.

If the tattoo pigment is really very deep in the skin and the area is sizable, hypertrophic scarring is difficult to avoid. In this case, You should not make a removal attempt to avoid a most likely problem or trouble. You do have the right to refuse a tattoo removal to your client, just like a doctor can refuse a patient if there is no appropriate medication or surgery available.

CONTROLLING TREATMENT AREA

It is known that discomfort after treatment is directly proportional to the size of a treated area. Therefore, it is easy to tolerate a small treated area. For people who are sensitive to discomfort, it is a good idea to divide a big tattoo into several sections (2-3 square inches per section) and treat one section at a time. There are two advantages for this method: tolerable discomfort and minimal movement for a treated area. The disadvantage is that complete
removal may take a long time.

In the case of several treatment sections, do not treat a border line area between two sections if the skin in either section is not well healed. If a big tattoo is divided into 5 sections as shown in Diagram X, it is wise to treat sections 1, 3 and 5 first and then sections 2 and 4 to avoid a scar problem in section borderline area.

![Diagram X. Division of a Large Tattoo](image)

For people who are able to tolerate much more discomfort and want a complete removal in a short time period, a large area can be treated as one section (up to 30 square inches depending upon individuality). It is important to minimize movement in the treated area afterwards. Use of splints, slings or a crutch are recommended as a reminder until the crust comes off naturally.

**CAUTIOUS AREAS**

It has been observed that a soft, fatty tissue area such as a women’s breast is easier to get hypertrophic scarring. Since women’s fat mass is significantly more than men, a removal of tattoos on women’s chest, shoulder or upper arm generally might have more risk for hypertrophy. Be more cautious when doing a removal on such an area (controlling puncturing depth and minimal passes).

An area below the knee could be a potentially painful area because of pressure from body fluids while standing or sitting. Sensitivity below the knee is expected as the skin is tight and does not allow for much stretching or shrinking. It is often harder to remove a tattoo and takes longer for the skin to recover. However, not everyone responds the same way. In the first 2-3 days, the Tattoo Remover gets tighter and tighter as it dries causing redness at the edge. Some swelling may occur as a result of pressure from walking around. Both are normal. An Ice bag is the best treatment for reducing swelling and it feels good instantly.

**HOT COMPRESS**

Cotton retains heat much better than a paper towel. You might use a hot compress to warm up a tattoo area to be treated (after cleansing) for 5 minutes. Then quickly apply Painaway Solution as described in the Removal Instruction. Due to a higher temperature on the skin, Painaway Solution may penetrate better to achieve a more effective numbing effect (shown in Figure 10). This is an optional technique only.
CRUST FORMATION AND CARE

After completing a treatment, make sure a thin layer of the Rejuvi Tattoo Remover (around 1/16" thick) covers the entire treated area except the non-punctured area. Do not wipe off Rejuvi Tattoo Remover on the skin. In the case of weeping plasma in a small area, you can absorb the excess plasma into a corner of a tissue or Q-tip, then apply a few extra drops of Rejuvi Tattoo Remover and spread around. Take your “After Treatment” photo at that time. Give the client a copy of Instruction for Care After Treatment and a small jar of Rejuvi “h” Super Soothing Cream.

Crust or scab formation is an important step in the removal process. In this step, the residual pigments continuously merge into Rejuvi Tattoo Remover and the skin extrudes the mixture gradually to the surface (crust peels off). This is shown in Figure 11.

![Figure 11. Crust Formation process](image)

A thin layer of Rejuvi Tattoo Remover on the treated skin after a treatment usually is a yellow-brownish color or dark greenish color (if a significant quantity of tattoo pigment gets into the thin layer, depending upon the extraction condition). The crust will turn dark in a few days due to pigment migration to the surface and the skin will become tight as it dries.

Some redness near the crust edge will develop. You may have your customers apply Rejuvi “h” Super Soothing Cream around the edge only, to reduce the tenderness or redness (do not cover the crust). Triple Anti-biotic ointment could be used as well. The crust may begin to loosen (appears bigger) in the second week. When the treated area begins to itch, the crust will peel off in another 3-4 days. The skin appears very red and perhaps slightly raised. That is normal and the skin will return to its normal state in 3-6 months. The crust can have water contact for a short time (a few minutes) but no soaking, swimming, exposing directly under shower spray and no rubbing. Afterwards, gently press dry with cotton pad or clean towel. Air dry is the best. Do not allow crust to get gooey (due to moisture) if there is anything to cover it. Do not pick up or pull off the crust prematurely. It may cause a scar and prolong the healing time. Let it fall off at its own pace (usually 14 to 25 days). Please explain well the crust formation process to your customers for their understanding and home care.

Older tattoos may appear darker after the initial scab falls away - this is a good result because the old pigments have been pulled closer to the surface. It will significantly fade with further treatments. Allow the treated area to recover substantially before making additional treatments (usually 8-10 weeks). Make sure No SHINE is left to the skin texture before making any additional treatments. To be patient!
INSTRUCTIONS OF CARE AFTER TREATMENT
(for removal of body tattoos)

1) The treated area must remain dry for at least three days (72 hours). The skin under crust will become tight about 3 days (it is normal). Minimize movement to the area until crust peels off.

2) After three days, you may take a short shower. It is okay for water contact with treated area for short time (no more than 2 minutes). Do not expose the crust directly under shower spray. No rubbing or contact with soap. No swimming, soaking or steaming. Do not allow the crust to get softened by moisture. After such water contact, use cotton pad or dry & clean towel to gently press the crust to remove water and then let air dry only.

A dark crust or scab will form over the treated area and will peel off naturally in 14 - 25 days. Do not pick or pull off the crust prematurely. It may increase the risk of scarring and prolong recovery time.

The crust can loosen at edges from healing or movement. The crust edges become flaky but the rest is still well attached. A liquid bandage is recommend to keep them in place. The second option is a dry bandage (can breathe). Please wear clothes that will not rub until the crust comes off.

3) In case of infection, use a cotton pad dampened with 2% hydrogen peroxide (available at pharmacies) to press gently the treated area for sterilization, then apply antibiotic ointment such as Bacitracin or triple Anti-biotic on the skin at the edge of the crust (available from your technician). If the infection still remains, take anti-biotic tablets such as penicillin (consult with your doctor for such prescription).

4) After the crust peels off, the treated skin area will show a substantial redness perhaps raised which will remain on the skin and will gradually return to normal in 3-6 months. Apply Rejuvi "h" Super Soothing Cream immediately after crust peels off and each time after washing to diminish the redness and speed up skin recovery. A bandage may be used to cover "h" Super Soothing Cream, enhancing skin recovery in the initial 6 - 8 weeks.

5) In case that an itchiness develops in the treated area during skin recovery period, do not scratch the skin. You may tap the skin for relieving itchiness and apply an anti-itch ointment (available at pharmacies). Excessive scratching on the treated area during healing process might cause scarring.

6) The second removal treatment can be performed again at the same area after the treated skin heals well (usually after 2.5 months).

In the case of infection, please contact technician immediately for help or treatment. Most of the time, your technician can solve the problem for you easily and quickly.

Your Technician's Contact Information

Name
Phone
Cell phone
How To Handle Allergy and Scarring?

Some clients' skin might be very sensitive or allergic to some substances. If allergies are a concern, try a test spot by placing a single drop of Rejuvi Tattoo Remover suspension (shaking well) onto the skin. You may do the same procedure for Painaway Solution. Allow to dry; if there is no reaction in 20 minutes, do a "test poke" - puncture the tattooed area with Rejuvi Tattoo Remover at less than 1/4 square inch (1.6 square centimeter) and then wipe off the product. Examine the tested area after 24 hours. Slight redness on the skin is expected and it does not indicate infection or allergic reaction. If no other reaction is visible, it is safe to proceed. This process is not applicable if a person is allergic to original tattooing.

The major undesirable problems for body tattoo removal are hypertrophic scar (keloid) and red tender puffiness often times with blister (shown in Figure 12 & 13).

For red tender puffiness, it may take time to heal (4-6 months). Hydrocortisone ointment or Rejuvi Scarcare Gel might help shorten the healing time. Apply the ointment daily after shower or bath and then cover the site with a sizable bandage or a gauze with surgical tape for 4-6 weeks.

Rejuvi Scarcare Gel (shown in Figure 14) utilizes special complex of potassium iodide and licorice extract to efficiently soften scar tissues and even up collagen distribution to diminish hypertrophy or keloid. It also diminishes undesirable redness quickly. It is fairly effective in improving a newly formed keloid (less than a year).

Simply apply to a keloid area twice a day for 2-5 months. For better results, Rejuvi Scarcare Gel can be used together with Epiderm Silicone Gel sheet (shown in Figure 15). Apply Rejuvi Scarcare Gel and then cover it by Epiderm Silicone Gel sheet.

The detailed application is described as below:

1. The Epiderm Silicone Gel Sheet may be cut into smaller pieces using scissors. The piece of gel sheeting should fully cover the scar border and extend 1/4 inch all the way around the scar border.

2. After applying Rejuvi Scarcare Gel, use surgical tape or a bandage to place the Silicon Gel Sheet on a keloid scar site (with slight pressure). The exposed surface of the gel sheet should be covered with surgical tape to prevent sticking to clothing or other surfaces.

3. Optimal wearing time for Epiderm Silicone Gel Sheet is 24 hours per day. Remove the gel sheet every 12 hours to wash both the scar and the gel sheet in mild soap water. Using low foaming skin cleanser, fill a basin with warm water and work up a small amount of lather with the soap. Gently wash the piece of gel sheet and scar site, rinse, and then air dry. Re-apply the piece of gel sheet. If it is not possible to wear the gel sheet for the recommended 24 hour period, a minimum of 12 hours per day is required, washing per the instructions above once in the 12 hour period.

4. Follow the procedure each day, washing and re-applying the gel sheet to the scar for 2 to 4 weeks. At that time the piece of gel sheet will begin to lose its adhesive quality and/or may become embedded with surface dirt. When this occurs, discard the piece of gel sheet and apply a new piece.
**SKIN & MEDICAL CONDITION FORM**  
*(for Rejuvi Tattoo Removal treatment)*

Name: ___________________________ Date of Birth: __________________

Address: ___________________________ City: __________ State & Zip: __________

Telephone: ________________ C/P ___________ E-mail: ________________

<table>
<thead>
<tr>
<th>Tattoo Size</th>
<th>Tattoo Age</th>
<th>Is this a cover up tattoo?</th>
<th>Yes / No</th>
</tr>
</thead>
</table>

<table>
<thead>
<tr>
<th>Tattoo Location:</th>
<th>Tattoo conditions:</th>
<th>faded, normal, blurred</th>
</tr>
</thead>
</table>

Any previous removal attempt on this tattoo: (laser, creams, self removal) | Yes / No |

If yes, provide details:

Does the Tattoo have any signs of scarring (raised, shine, different texture) | Yes / No |

**Skin Type:** Caucasian, Asian, African, Latin, other | *(if known)* Normal, sensitive, thin, tough |

<table>
<thead>
<tr>
<th>Do you hyper-pigment when you scar?</th>
<th>Yes / No</th>
<th>Do you have any hypertrophic scar?</th>
<th>Yes / No</th>
</tr>
</thead>
</table>

<table>
<thead>
<tr>
<th>Do you hypo-pigment when you scar?</th>
<th>Yes / No</th>
<th>Do you scar easily?</th>
<th>Yes / No</th>
</tr>
</thead>
</table>

Are you taking any Drugs or Medication? (please state)

Are you allergic to anything? (please state)

Do you have any of following conditions (please circle):

- Eczema
- Psoriasis
- Impetigo
- Acne
- Skin Cancer
- Vitiligo
- Rosacea
- Dermatitis

<table>
<thead>
<tr>
<th>Do you have any of the following medical conditions (please circle):</th>
</tr>
</thead>
<tbody>
<tr>
<td>Heart Disease, Heart Murmur, Pace Maker, High Blood Pressure, Low blood pressure, HIV, Hepatitis B / C, Hemophilia, Leukemia, Asthma, Diabetes, Epilepsy</td>
</tr>
</tbody>
</table>

I agree the information provided is true and to the best of my knowledge.

Signature ___________________________ Date __________________

**Office Use only**

<table>
<thead>
<tr>
<th>Technician (name)</th>
</tr>
</thead>
</table>

<table>
<thead>
<tr>
<th>Test patch performed on (date)</th>
<th>Any Reaction:</th>
<th>Yes / No</th>
</tr>
</thead>
</table>

<table>
<thead>
<tr>
<th>Quote per treatment:</th>
<th>If yes, state reaction:</th>
</tr>
</thead>
</table>

Notes:
CONSENT

I, __________________________________ currently have an unwanted tattoo/permanent makeup. This tattoo/permanent makeup is located on the __________________________ (area of body). This area was last tattooed on ___________________ (approximate date) by ____________________________ (name of the business or technician).

This tattoo or permanent makeup is unwanted because __________________________________________________________
________________________________________________________ (indicate shape, color, location).

I would like the technician to attempt to; (a) _____ remove the entire tattoo if possible; or (b) _____ partially remove the tattoo (check one).

I understand that several treatments may be needed in order to attempt to achieve my desired results. I have not been given any guarantees as to the quality of the removal results.

I understand there are several medical and esthetic options available for the removal of my tattoo or permanent makeup. I have decided to choose the Rejuvi removal technique at this time.

I understand that the unwanted tattoo/permanent makeup may not be successfully removed and that permanent scarring may result in an attempt to remove the tattoo/permanent makeup as well as hypertrophy and hypo-pigmentation or other damage to the skin which may be permanent.

I understand that removing tattoos/permanent makeup is difficult and complicated process. As a result I will not hold the technician of this establishment responsible for any resultant failure to remove partially or totally.

Furthermore, I will not hold the salon or the business of the technician, the distributor and the manufacturer of the tattoo removal products used in this attempted tattoo removal, liable for any damages that may occur to my face or body.

I agree to be taken the photographs "before" and "after" the treatments and to conform to all rules and regulations established by the technician and salon listed below for the removal of unwanted tattoo or/permanent makeup. I agree to follow all aftercare instructions.

I have been duly informed of the nature, risks, possible complications and consequences as listed above. I further understand that the above listed technician is not a medical doctor and have neither asked nor received any guarantees or promises as to the results obtained.

I understand everything described above, have had my questions answered, agree that it is all true and correct and by my signature below I agree to the above.

Signature of client __________________________ Date: __________________________

Address: ________________________________________________________________

Business name __________________________ Technician name __________________________

Address: ________________________________________________________________

Signature of technician __________________________ Date: __________________________
 Liability Insurance is available for Rejuvi Tattoo Removal Technique

Since some scarring risk is involved in the Rejuvi Tattoo Removal process, in case of an undesirable outcome, it is possible for clients to take a legal action against a technician or institute performing the treatment. Insurance program will provide a good protection for such problem and is highly recommended.

Please Contact one of the following Insurance companies

PROFESSIONAL PROGRAM INSURANCE BROKERAGE
371 Bel Marin Keys Blvd., Suite 220, Novato, CA 94949, USA
Phone: (415)475-4300; Fax: (415)475-4303; License No. 0B17238
E-mail: susan@tattoo-ins.com; Website: www.tattoo-ins.com

ISU INSURANCE SERVICES OF WESTLAKE
2985 E Hillcrest Drive #20, Westlake Village, CA 91362, USA
Phone (800) 821-9161; (805) 409-2880  Fax: (805) 409-2881
E-mail: maggie@isuwestlake.com & sales@isuWestlake.com
Website: www.isuwestlake.com/tattoo_insurance/
Suggestion for Treatment Fee
(for U.S. A. market and Western Europe)

How much does it cost for removal of Micropigmentation or tattoos? It is actually a complicated question.

In addition to the cost of Rejuvi Tattoo Removal products, the cost of living in your area, business overhead such as rent and utility, insurance etc. may also affect the treatment fee.

The removal of Micropigmentation or permanent makeup is quite different from body tattoos because the removal area usually is very small for Micropigmentation, particularly for trimming process. Therefore, the treatment fee for removal of Micropigmentation is better based upon the treatment time, i.e., or hourly rate. The hourly rate should be significantly higher than Micropigmentation rate.

We provide a generic guideline or reference for your consideration. For a removal of Micropigmentation, the hourly rate could be in range of US$300-500 and the minimum treatment fee is $150.00 (even if treatment time is very short and the fee based hourly rate is less than the minimum).

For a removal of large area such as a set of entire eyebrows (if necessary), the treatment fee could be 1.5 or twice the fee for making a set of eyebrows (Micropigmentation).

For body Tattoo removal, the treatment cost starts at $100 for 1 square inch, $200 for 2 square inches, $250 for 3 square inches, $300 for 4 square inches. Thereafter the cost is $50 per square inch. See the table below:

<table>
<thead>
<tr>
<th>1 square inch</th>
<th>2 square inches</th>
<th>3 square inches</th>
<th>4 square inches</th>
<th>5 square inches</th>
<th>6 square inches</th>
</tr>
</thead>
<tbody>
<tr>
<td>$100</td>
<td>$200</td>
<td>$250</td>
<td>$300</td>
<td>$350</td>
<td>$400</td>
</tr>
</tbody>
</table>

* $50 per square inch after 4 square inches.

The prices include treatment for multiple separate area as long as all the treatments can be carried out at the same time. The above prices are based upon solid tattoo i.e., color covers the entire area. A firm or more accurate price can be established upon sight of a tattoo.

For a very large tattoo, a further reduction in the price could be considered; for instance, any area after 6 square inches can be at the rate of $40 per square inch and $30 per square inch after 10 square inches.

For your awareness, any Laser Treatment imposes a basic fee of $175.00 -200.00 plus the number of shots ($1.00 - 2.00 per shot). Usually 10-20 treatments are needed for complete removal of a tattoo.

Compared with Laser methods, Rejuvi Tattoo Removal is a much less expensive and affordable option.