Skin Rejuvenation

Before 5 wks 2 Post 5 st Tx.

Photos courtesy of K.R. Kim, M.D., South Korea
Skin Rejuvenation
Epidermal Lesion: Lentigines

Before

After

Wavelength: 532 nm
Spot size: 3 - 4mm
2 treatments
Fluence: 0.7 - 1.2 J/cm²
Epidermal Lesion: Freckles

Before

After

Wavelength: 532 nm
Spot size: 3mm
1 to 2 treatments
Fluence: 0.7 to 1.2 J/cm²
Epidermal Lesion: Seborrheic Keratosis

Before

Wavelength: 532nm
Spot Size: 3 - 4 mm
Fluence: 1.5-2.5 J/cm²

After
Epidermal Lesion: Café Au Lait

Wavelength: 532nm
Spot Size: 3mm
Fluence: up to 2 J/cm²
Treatment with slight overlap.
This kind of lesion can recur.
The endpoint is complete epidermal ablation.
Dermal Lesion: Nevus of Ota

Wavelength: 1064nm
Spot Size: 3-4 mm
3 – 6 Treatments
Fluence: 6 - 10 J/cm²
Dermal Lesion: Nevus of Ota

Before

After

Wavelength: 1064nm
Spot Size: 4 mm
3 – 6 Treatments
Fluence: 5 - 8 J/cm²
532 Peel

Before

After 2 Tx
Laser Toning

Before

After
Laser Toning Split Face Study

Before

After 7th Tx
Laser Toning

Before Tx

After 8th Tx, 2 months

Photos courtesy of Dr. Kevin Duplechain, M.D.
Laser Toning

Before

After 10th Tx, 2 months

Photos courtesy of Dr. Kevin Duplechain, M.D.
Soft Laser Peel

Before

After

Photos courtesy of Takahiro Fujimoto, M.D.
Soft Laser Peel

Photos courtesy of Takahiro Fujimoto, M.D.
Soft Laser Peel

Before

After
Laser Toning for Pigmentation

Treatment Parameter: Same as Laser Toning

Treatment sessions should be varied on degree of PIH

Maintenance is not necessary for PIH.
Skin Improvement

Before vs. 14D after 4th Tx
Skin Improvement

Before

After 6th Tx
Skin Improvement

Before

After 6th Tx

After 6 months
Skin Improvement

Before

14D after 1st Tx

Before

After 2nd Tx
Cyst begins to shrink immediately after 1st session of spectra peel.

Before

Cyst

12D after 1st Tx

14D after 2nd Tx
Skin Improvement

Before

After 5th Tx
Skin Texture & Improvement

Before

1 month after 4th Tx

Photos courtesy of K.R. Kim, M.D., South Korea
Skin Improvement

Before

After 3rd Tx

Photos courtesy of K.R. Kim, M.D., South Korea
Skin Rejuvenation

Before

2 weeks after 1st Tx
Before

2 weeks after 1st Tx

Photos courtesy of Takahiro Fujimoto, M.D.
Enlarged Pores

Before 

4 weeks after Tx

Photos courtesy of K.Y. Chung, M.D.
Enlarged Pores

Before

After 3rd Tx
Enlarged Pores

Photos courtesy of T. Fujimoto M.D., Tokyo, Japan
Tattoo Removal
# Tattoo Removal

<table>
<thead>
<tr>
<th>Wavelength</th>
<th>1064nm</th>
<th>532nm</th>
<th>585nm</th>
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<tr>
<td>Spot Size</td>
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<td>2mm</td>
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<td>1.6-2.5</td>
<td>8</td>
<td>6</td>
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<td>Color</td>
<td>Black/Blue Brown</td>
<td>Red/Orange/Purple</td>
<td>Yellow/Sky Blue</td>
<td>Green</td>
</tr>
</tbody>
</table>

Photos courtesy of Dr. Kevin Duplechain
Tattoo Removal

Before

Post 3rd treatment

Post 6th treatment

Wavelength: Q1064nm
Treatment: 6 times
Spot size: 4mm
Fluence: 4.0 J/cm²

Photos courtesy of Dr. Kevin Duplechain
Tattoo Removal

Before

Test Shot

Treatment

Treatment 1/2

Immediate Post Treatment

Photos courtesy of Dr. Kevin Duplechain
Tattoo Removal

Before

Immediate Post Treatment

Wavelength: 1064nm
Spot size: 4mm
Fluence: 4.0 J/cm²

Photos courtesy of Dr. Kevin Duplechain
Tattoo Removal

Before 5 treatments

After 5 treatments

Photos courtesy of Dr. Kevin Duplechain
Tattoo Removal

Photos courtesy of Dr. Kevin Duplechain
Before tattoo removal:

After 7 months, 3 treatment sessions:

Photos courtesy of Dr. Kevin Duplechain
Tattoo Removal

Before

After 4 months, 1 treatment

Photos courtesy of Dr. Kevin Duplechain
Immediately after treatment
Post 5 months, 2 treatments

Photos courtesy of Dr. Kevin Duplechain
Tattoo Removal

Spectra VRM III™

Before

Post 6 months, 2 treatments

Photos courtesy of Dr. Kevin Duplechain
Tattoo Removal

Photos courtesy of Dr. Kevin Duplechain
Tattoo Removal

Before

Post 5 months, 1 treatment

Photos courtesy of Dr. Kevin Duplechain
Tattoo Removal

Before

Post 4 months, 1 treatment

Post 8 months, 2 treatments

Post 11 months, 3 treatments

Post 1 year and 2 months, 4 treatments

Post 1 year and 7 months, 5 treatments

Post 1 year and 9 months, 6 treatments

Post 1 year and 11 months, 7 treatments

Post 2 years and 2 months, 8 treatments

Post 2 years and 3 months, 9 treatments

Treatment 1- 1064 nm, 5 mm spot size at 2.70 J/cm²
Treatment 2- 1064 nm, 6 mm spot size at 2.30 J/cm²
Treatment 3- 1064 nm, 6 mm spot size at 2.70 J/cm²
Treatment 4- 1064 nm, 4 mm spot size at 2.60 J/cm²
Treatment 5- 1064 nm, 4 mm spot size at 6.00 J/cm²

Treatment 6- 1064 nm, 5 mm spot size at 4.42 J/cm²
Treatment 7- 1064 nm, 5 mm spot size at 4.52 J/cm²
Treatment 8- 1064 nm, 6 mm spot size at 2.76 J/cm²
Treatment 9- 1064 nm, 5 mm spot size at 3.10 J/cm²
Treatment 10- 1064 nm, 5 mm spot size at 4.48 J/cm²; 532 nm, 5 mm spot size at 1.62 J/cm²

Photos courtesy of Dr. Kevin Duplechain
Tattoo Removal

Spectra VRM III™:

Before

Post 2 years and 3 months, 9 treatments

Treatment 1 - 1064 nm, 5 mm spot size at 2.70 J/cm²
Treatment 2 - 1064 nm, 6 mm spot size at 2.30 J/cm²
Treatment 3 - 1064 nm, 6 mm spot size at 2.70 J/cm²
Treatment 4 - 1064 nm, 4 mm spot size at 2.60 J/cm²
Treatment 5 - 1064 nm, 4 mm spot size at 6.00 J/cm²

Treatment 6 - 1064 nm, 5 mm spot size at 4.42 J/cm²
Treatment 7 - 1064 nm, 5 mm spot size at 4.52 J/cm²
Treatment 8 - 1064 nm, 6 mm spot size at 2.76 J/cm²
Treatment 9 - 1064 nm, 5 mm spot size at 3.10 J/cm²
Treatment 10 - 1064 nm, 5 mm spot size at 4.48 J/cm²; 532 nm, 5 mm spot size at 1.62 J/cm²

Photos courtesy of Dr. Kevin Duplechain
Tattoo Removal

Before

Post 9 months, 3 treatments

Post 10 months, 5 treatments

Post 1 year and 4 months, 6 treatments

Post 1 year and 7 months, 7 treatments

Post 1 year and 8 months, 8 treatments

Post 2 years, 9 treatments

Post 2 years and 4 months, 10 treatments

Photos courtesy of Dr. Kevin Duplechain
Tattoo Removal

Before

Post 2 years and 4 months, 10 treatments

Photos courtesy of Dr. Kevin Duplechain
Tattoo Removal

Before

Post 2 months, 1 treatment

Post 7 months, 2 treatments

Post 1 year, 3 treatments

Post 1 year and 4 months, 4 treatments

Photos courtesy of Dr. Kevin Duplechain
Tattoo Removal

Spectra VRM III™:

Treatment 1- 1064 nm, 7 mm spot size at 2.00 J/cm²
Treatment 2- 1064 nm, 4 mm spot size at 2.70 J/cm²
Treatment 3- 1064 nm, 4 mm spot size at 2.80 J/cm²
Treatment 4- 1064 nm, 4 mm spot size at 2.50 J/cm²
Treatment 5- 1064 nm, 4 mm spot size at 2.70 J/cm²
Treatment 6- 1064 nm, 5 mm spot size at 3.35 J/cm²
Treatment 7- 1064 nm, 4 mm spot size at 5.76 J/cm²
Treatment 8- 1064 nm, 5 mm spot size at 6.21 J/cm²
Treatment 9- 1064 nm, 5 mm spot size at 4.50 J/cm²

Before

Post 5 months, 2 treatments

Post 9 months, 3 treatments

Post 1 year and 2 months, 4 treatments

Post 1 year and 7 months, 5 treatments

Post 1 year and 11 months, 6 treatments

Post 2 years and 1 month, 7 treatments

Post 2 years and 5 months, 8 treatments

Photos courtesy of Dr. Kevin Duplechain
Tattoo Removal

Before

Post 2 years and 5 months, 8 treatments

Photos courtesy of Dr. Kevin Duplechain

Treatment 1- 1064 nm, 7 mm spot size at 2.00 J/cm²
Treatment 2- 1064 nm, 4 mm spot size at 2.70 J/cm²
Treatment 3- 1064 nm, 4 mm spot size at 2.80 J/cm²
Treatment 4- 1064 nm, 4 mm spot size at 2.50 J/cm²
Treatment 5- 1064 nm, 4 mm spot size at 2.70 J/cm²

Treatment 6- 1064 nm, 5 mm spot size at 3.35 J/cm²
Treatment 7- 1064 nm, 4 mm spot size at 5.76 J/cm²
Treatment 8- 1064 nm, 5 mm spot size at 6.21 J/cm²
Treatment 9- 1064 nm, 5 mm spot size at 4.50 J/cm²