



**Stellar** M22

Shine on

# Clinical Casebook Multi-Application Platform

Worldwide collection of before and after images  
and settings from the renown laser and IPL  
physicians



# Practice Advisor Stellar M22 Treatments

Images of typical treatment results, with one or few of the modules of the multi-application system:

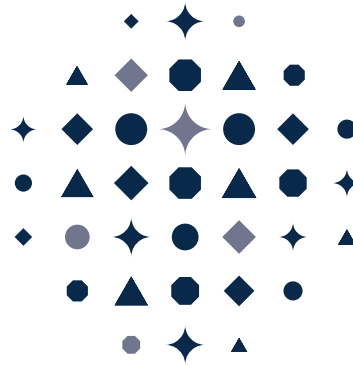
- ✓ Stellar™ IPL  
with Optimal Pulse Technology (OPT®)
- ✓ ResurFX™  
true fractional non-ablative skin resurfacing
- ✓ Multi-Spot™ Nd:YAG  
with Multiple Sequential Pulsing (MSP™)
- ✓ Q-Switched Nd:YAG  
for skin toning by treatment of pigmented lesions and dark tattoo removal

Indications depicted include:

- |                         |                  |   |
|-------------------------|------------------|---|
| • Skin Resurfacing      | • Scars          | • Café-au-lait spots                            |
| • Vascular Lesions      | • Lentigines     | • Age spots                                     |
| • Leg veins             | • Dyschromia     | • Redness                                       |
| • Port Wine Stain       | • Nevus          | • Pigmentation                                  |
| • Acne                  | • Hair removal   | • Warts   |
| • IPL photorejuvenation | • Tattoo removal | • Keratosis                                     |
| • Rosacea               | • Nevi           | • Telangiectasia                                |
| • Freckles              | • Sun spots      | • Skin toning by treatment of pigmented lesions |

Stellar M22 is intended solely for use by trained physicians and may pertain some risks such as edema, erythema, or scarring. Refer to the operator manual for a complete list of intended use, contraindications





# Stellar M22

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Photorejuvenation

# Skin Rejuvenation - Stellar IPL



Baseline



3 months after 3 treatments, 1 month apart

Courtesy of Daniel Friedmann, MD

560 nm filter, 15-16 J/cm<sup>2</sup>, 3 ms double pulse, with 15 ms delay

# Skin Rejuvenation - Stellar IPL



Baseline



after 3 treatments

Courtesy of Daniel Friedmann, MD



# Skin Rejuvenation - Stellar IPL with OPT



Baseline



Courtesy of Hiroki Kanda, MD

560 nm filter, 28 J/cm<sup>2</sup>, 3 ms double pulse, with 20 ms delay

# Skin Rejuvenation - Stellar IPL with OPT



Baseline



2 months after last treatment

Courtesy of Hiroki Kanda, MD

640 nm filter, 28 J/cm<sup>2</sup>, 3 ms double pulse, with 5 ms delay

# Skin Rejuvenation - Stellar IPL with OPT



Baseline



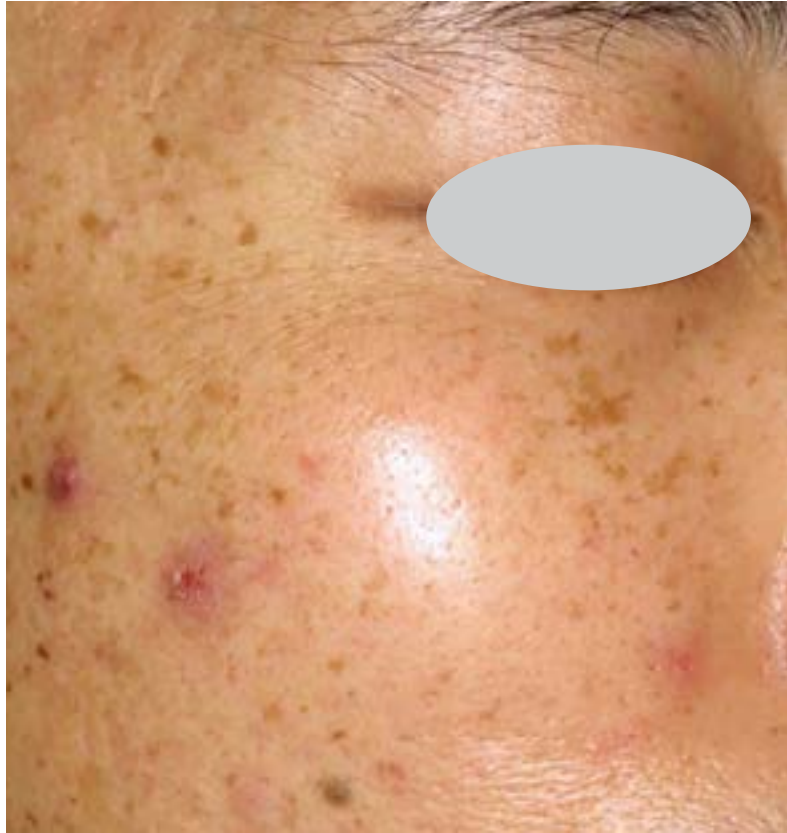
1 month after last treatment

Courtesy of Hiroki Kanda, MD

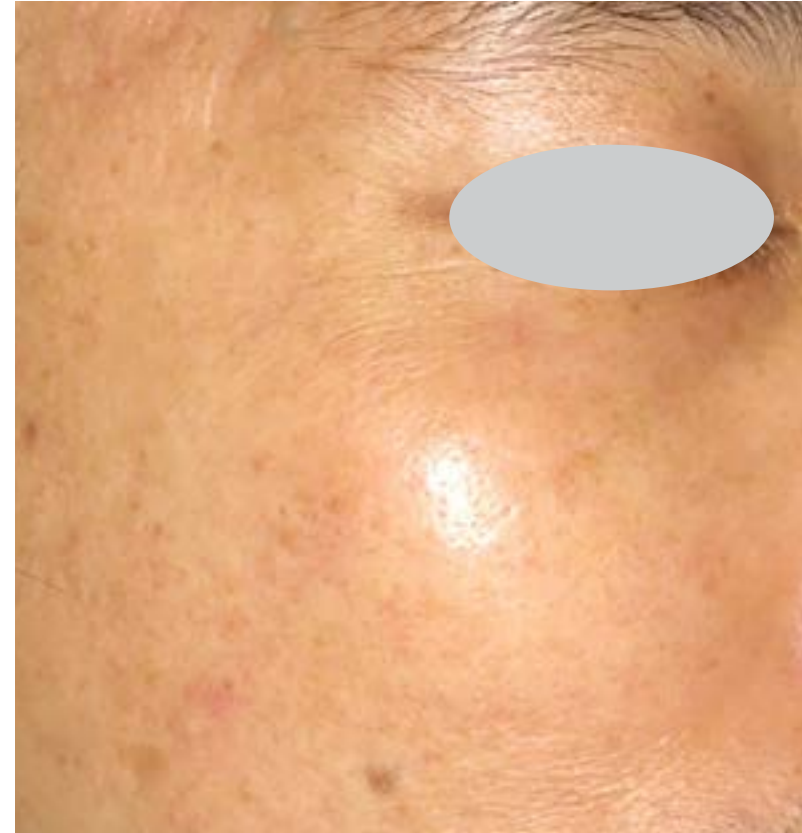
560 nm filter, 12-18 J/cm<sup>2</sup>, 3 ms double pulse, with 20 ms delay  
590 nm filter, 16-22 J/cm<sup>2</sup>, 3 ms triple pulse, with 30 ms delay



# Skin Rejuvenation - Stellar IPL with OPT



Baseline



1 year after 8 treatments

Courtesy of Hiroki Kanda, MD

560 nm filter, 12-18 J/cm<sup>2</sup>, 3 ms double pulse, with 20 ms delay

590 nm filter, 16-22 J/cm<sup>2</sup>, 3 ms triple pulse, with 30 ms delay

# Skin Rejuvenation - Stellar IPL with OPT



Baseline



4 month after 7 treatments

Courtesy of Hiroki Kanda, MD

560 nm filter, 12-16 J/cm<sup>2</sup>, 3 ms double pulse, with 20 ms delay

590 nm filter, 16-20 J/cm<sup>2</sup>, 3 ms triple pulse, with 30 ms delay

# Skin Rejuvenation - Stellar IPL with OPT



Baseline



After 2 treatments

Courtesy of Yuanhong Li, MD

640 nm filter, 18 J/cm<sup>2</sup>, 3 ms triple pulse, with 30 ms delay

# Skin Rejuvenation - Stellar IPL with OPT



Baseline



3 months after 2 treatments

Courtesy of Melanie D. Palm, MD

560 nm filter, 16-17 J/cm<sup>2</sup>, 3.5 ms double pulse, with 20 ms delay



# Skin Rejuvenation - Stellar IPL with OPT



Baseline



3 months after 2 treatments

Courtesy of Melanie D. Palm, MD

560 nm filter, 16-17 J/cm<sup>2</sup>, 3.5 ms double pulse, with 20 ms delay



# Skin Rejuvenation - Stellar IPL with OPT



Baseline



1 month after 3 treatments  
with 5-6 weeks between treatments

Courtesy of J. Matthew Knight, MD

Tx1: 560nm filter, 16J/cm<sup>2</sup>, 3.5-3.5ms pulses with 15ms delay, large light guide

Tx2: 515nm filter, 15J/cm<sup>2</sup>, 4ms pulse duration large light guide

Tx3: 560nm filter, 17J/cm<sup>2</sup>, 3.5-3.5ms pulses with 15ms delay, large light guide

# Skin Rejuvenation - Stellar IPL with OPT



Baseline



2 month After 3 treatments

In-house clinic

560 nm filter, double pulse 3.5-4.0 ms with 15 ms delay, 15-18 J/cm<sup>2</sup>

# Sun Spots - Stellar IPL with OPT



Baseline



after 1 treatments

Courtesy of Mariela Nazar, MD

# Sun Spots - Stellar IPL with OPT



Baseline



after 1 treatments

In-house clinic

560 nm, double pulse: 4ms pulse, 20-25ms delay, 15-20 J/cm<sup>2</sup>

# Lentigines - Stellar IPL with OPT



Baseline



1 month FU after 1 Treatment

Courtesy of Diana Demidion, MD

590 nm filter, 4 ms pulse, 12 J/cm<sup>2</sup>



# Lentigines - Stellar IPL with OPT



Baseline



3 weeks after 2 treatments,  
with 15 months between treatments

Courtesy of J. Matthew Knight, MD

Tx1: 590nm filter, 12J/cm<sup>2</sup>, 4ms pulse, individual lentigos treated with small light guide (23 pulses)

Tx2: 560nm filter, 13J/cm<sup>2</sup>, 4ms pulse, treated globally with large light guide (42 pulses)

# Lentigines - Stellar IPL with OPT



Baseline



After 3 treatments

Courtesy of Yuanhong Li, MD

560 nm filter, 13 J/cm<sup>2</sup>, 4 ms single pulse

# Lentigines - Stellar IPL with OPT



Baseline



After 1 treatments

Courtesy of Yuanhong Li, MD

560 nm filter, 14 J/cm<sup>2</sup>, 3 ms double pulse, with 20 ms delay

# Freckles - Stellar IPL with OPT



Baseline



After 1 treatment

Courtesy of Yuanhong Li, MD

590 nm filter, 15 J/cm<sup>2</sup>, 3 ms double pulse, with 20 ms delay

# Flush & Freckles - Stellar IPL with OPT



Baseline



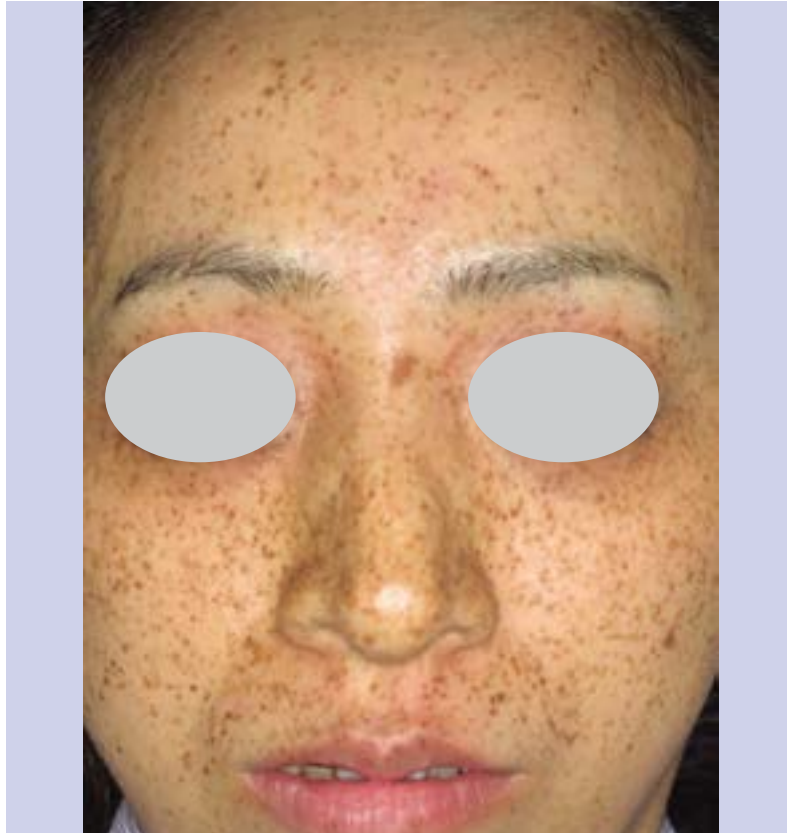
After 1 treatment

Courtesy of Yuanhong Li, MD

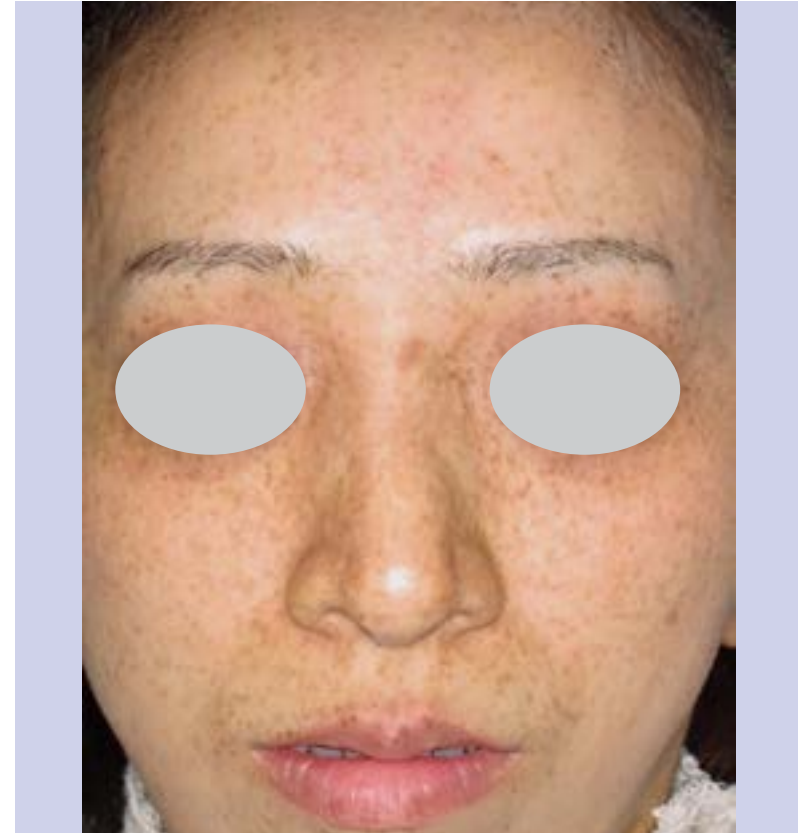
560 nm filter, 17 J/cm<sup>2</sup>, 3 ms double pulse, with 25 ms delay



# Freckles - Stellar IPL with OPT



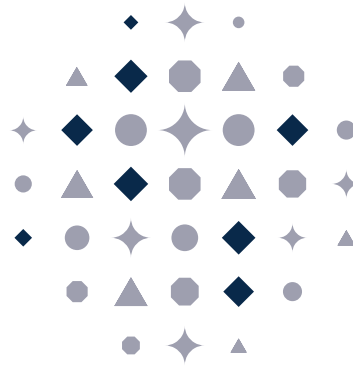
Baseline



1 month after 8 treatments

Courtesy of Hiroki Kanda, MD

560 nm filter, 12-18 J/cm<sup>2</sup>, 3 ms double pulse, with 20 ms delay  
590 nm filter, 16-22 J/cm<sup>2</sup>, 3 ms triple pulse, with 30 ms delay



# Stellar M22

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Vascular Lesions

# Vascular Lesions - Stellar IPL with AOPT



Baseline



3 months after 3 treatments

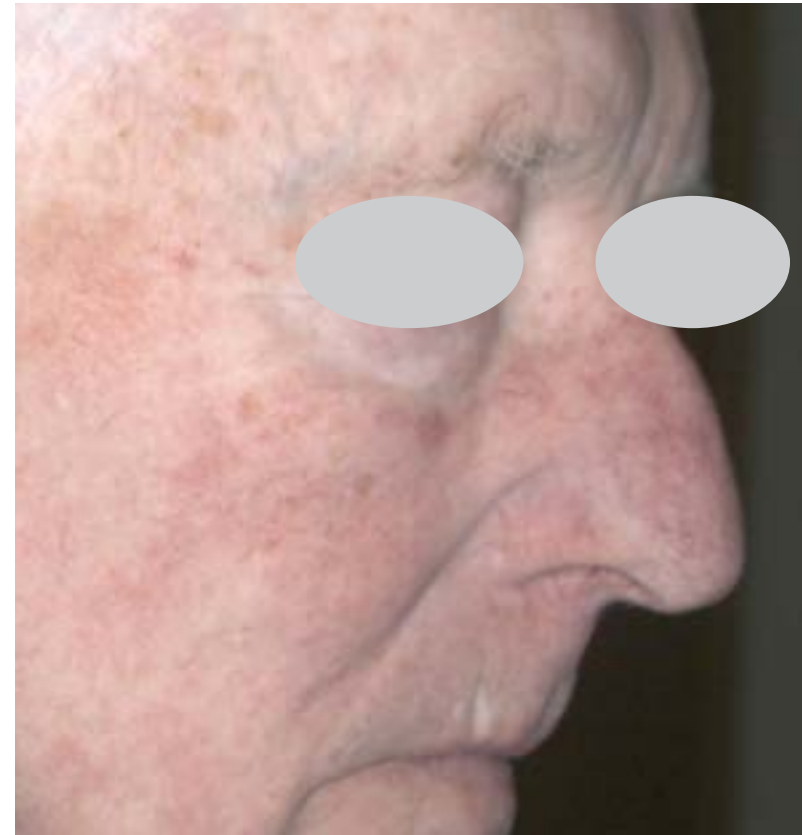
Courtesy of Matteo Tretti Clementoni, MD

Vascular filter and Advanced OPT, double pulse, 8 and 12 J/cm<sup>2</sup>, 4 & 5 ms, with 20 ms delay

# Vascular Lesions - Stellar IPL + Multi-Spot Nd:YAG



Baseline



1 month after 4 treatments

Courtesy of Jose Miguel Montero Garcia, MD

IPL: 590 nm filter, 18-20 J/cm<sup>2</sup>, 4 ms double pulse, with 25 ms delay & 560 nm filter, 14-16 J/cm<sup>2</sup>, 4 ms double pulse, with 20 ms delay

Nd:YAG: 6 mm tip, 90 J/cm<sup>2</sup>, 7.5 ms single pulse

# Vascular Lesions - Stellar IPL with AOPT



Baseline



3 months after 3 treatments

Courtesy of Matteo Tretti Clementoni, MD

Vascular filter and Advanced OPT, double pulse, 10 and 11 J/cm<sup>2</sup>, 6 & 6 ms, with 20 ms delay



# Vascular Lesions - Stellar IPL with AOPT



Baseline



3 months after 3 treatments

Courtesy of Matteo Tretti Clementoni, MD

Vascular filter and Advanced OPT, double pulse, 6 and 12 J/cm<sup>2</sup>, 3 & 5 ms, with 20 ms delay

# Vascular Lesions - Stellar IPL with AOPT



Baseline



3 months after 3 treatments

Courtesy of Matteo Tretti Clementoni, MD

Vascular filter and Advanced OPT, double pulse, 6 and 12 J/cm<sup>2</sup>, 3 & 5 ms, with 20 ms delay

# Vascular Lesions - Stellar IPL with OPT



Baseline

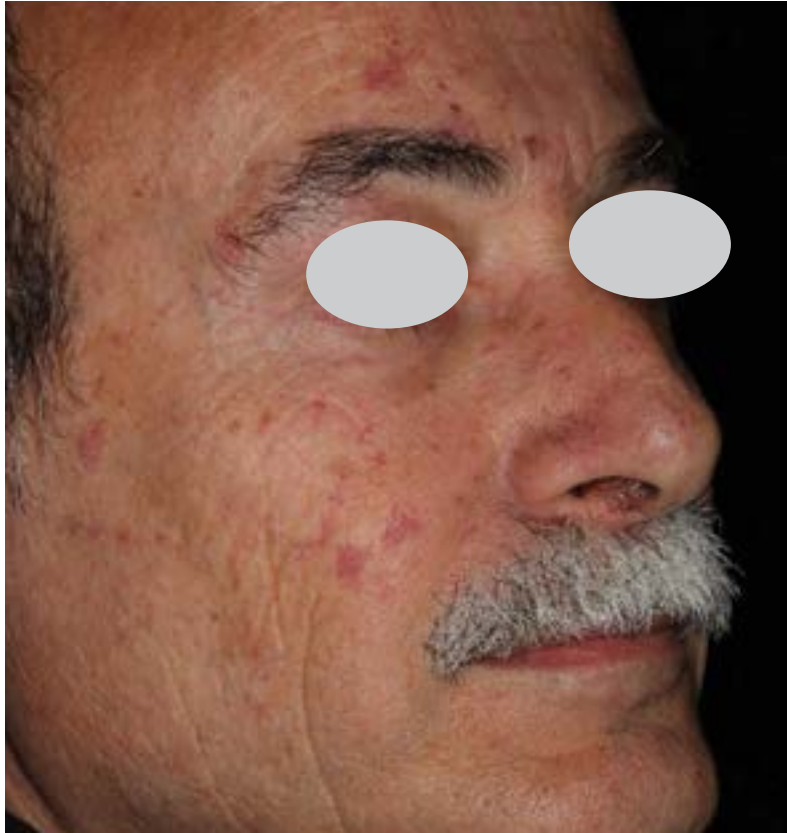


1 month after last treatment

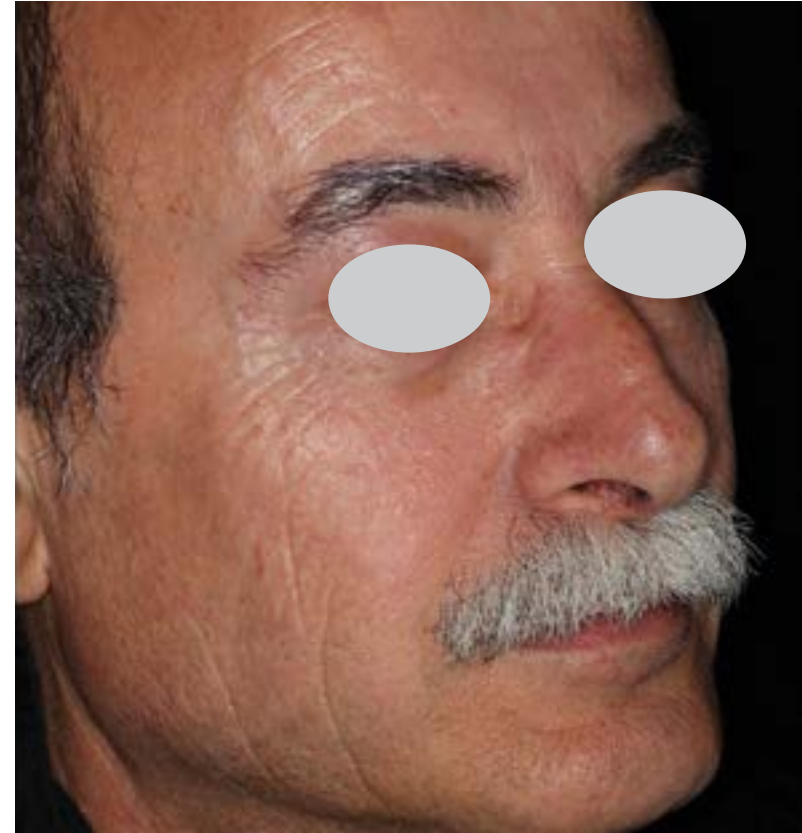
Courtesy of Hiroki Kanda, MD

590 nm filter, 20 J/cm<sup>2</sup>, 3 ms triple pulse, with 20 ms delay

# Vascular Lesions - Stellar IPL with AOPT



Baseline



3 months after 3 treatments

Courtesy of Matteo Tretti Clementoni, MD

Vascular filter, 18 J/cm<sup>2</sup>, 3 & 4 ms double pulse, with 20 ms delay



# PWS - Stellar IPL with OPT



Baseline



After treatment

Courtesy of Gilly Munavalli, MD



# PWS - Stellar IPL with OPT



Baseline



After 4 treatments

Courtesy of Yuanhong Li, MD

560 nm filter, 21 J/cm<sup>2</sup>, 6 ms single pulse

# Rosacea - Stellar IPL with OPT



Baseline



3 weeks after 1 treatment



Pre and post 3D appearance of the left cheek

Courtesy of Diana Demidion, MD

640nm filter, triple pulse: 3ms pulse, 30ms delay, 19 J/cm<sup>2</sup> + 560nm filter, 6ms pulse, 15 J/cm<sup>2</sup> + Acne filter for inflammation related to Rosecea, triple pulse: 4ms pulse, 20ms delay, 15 J/cm<sup>2</sup>

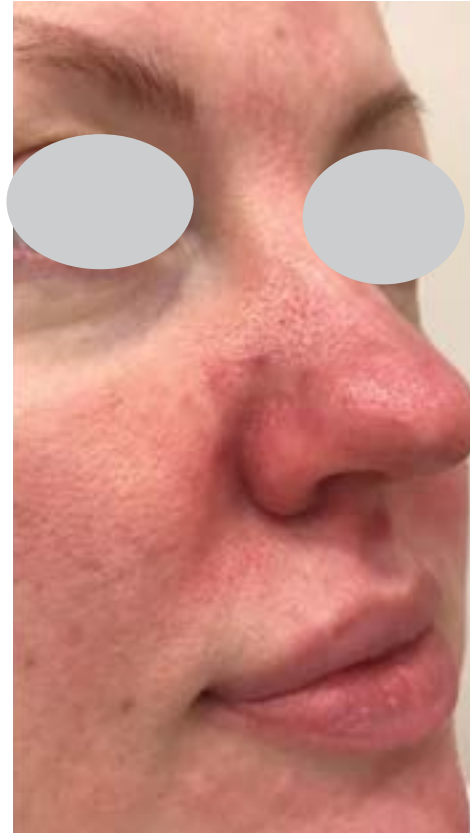
# Rosacea - Stellar IPL with OPT



Baseline



1 month After 1 treatment



Baseline



1 month After 1 treatment

Courtesy of Diana Demidion, MD

560nm and 515nm filters 6ms, 15 J/cm<sup>2</sup>

# Rosacea - Stellar IPL with OPT



Baseline



After 4 treatments

Courtesy of Matteo Tretti Clementoni, MD

590 nm filter, double pulse: 4ms, 20ms delay, 19 J/cm<sup>2</sup> + 560nm filter, double pulse 3 & 5ms, 20 ms delay, 18 J/cm<sup>2</sup>



# Rosacea - Stellar IPL with OPT



Baseline



After treatments

Courtesy of Gilly Munavalli, MD



# Erythema of Rosacea - Stellar IPL with OPT



Baseline



1 month After 3 treatments



Courtesy of Diana Demidion, MD

560nm filter, double pulse: 3 & 5ms pulse, 10ms delay, 17J/cm<sup>2</sup> + 515nm filter, single pulse: 6 ms, 15 J/cm<sup>2</sup>

# Erythema of Rosacea - Stellar IPL with OPT



Baseline



1 month after 2 treatments

Courtesy of Hiroki Kanda, MD

590 nm filter, 16-22 J/cm<sup>2</sup>, 3 ms triple pulse, with 30 ms delay

# Erythema of Rosacea - Stellar IPL with OPT



Baseline

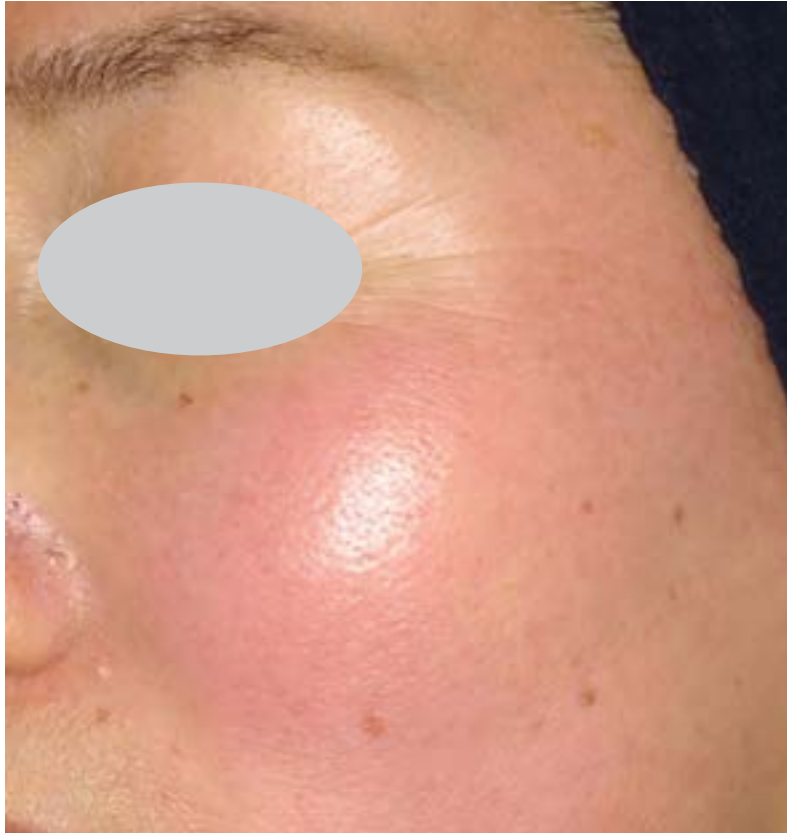


1.5 months after last treatment

Courtesy of Hiroki Kanda, MD

590 nm filter, 16-22 J/cm<sup>2</sup>, 3 ms triple pulse, with 30 ms delay

# Erythema of Rosacea - Stellar IPL with OPT



Baseline



2 months after 10 treatments

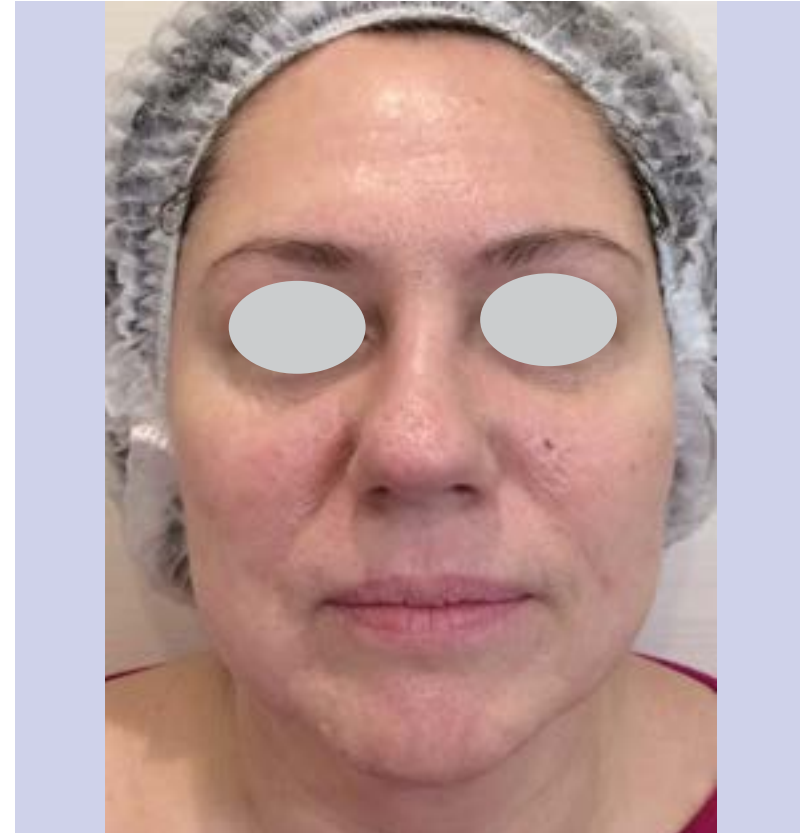
Courtesy of Hiroki Kanda, MD

590 nm filter, 16-22 J/cm<sup>2</sup>, 3 ms triple pulse, with 30 ms delay

# Rhinophyma rosacea - Stellar IPL



Baseline



1 month after 2 treatments

Courtesy of Diana Demidion, MD

IPL: 560nm filter, single pulse, 6ms, 17 J/cm<sup>2</sup>  
ResurFX: 12 passes of 100  $\mu$ beams/cm<sup>2</sup>, 50mJ



# PWS - Stellar IPL with OPT + Multi-Spot Nd:YAG



Baseline



After 5 treatments

Courtesy of Matteo Tretti Clementoni, MD

Nd:YAG 100 J/cm<sup>2</sup>, 12ms, 6mm tip – where blood flow is slow / skin is thick | Nd:YAG 80 J/cm<sup>2</sup>, 10ms, 6mm tip – where blood flow is quick / skin is thin | IPL with crossing technique, 590nm filter, 18J/cm<sup>2</sup>, 4-4 ms pulses with 15ms delay; and 560nm, 18J/cm<sup>2</sup>, 3-3 ms pulses with 20ms delay

# Vascular Lesions - and Multi-Spot Nd:YAG



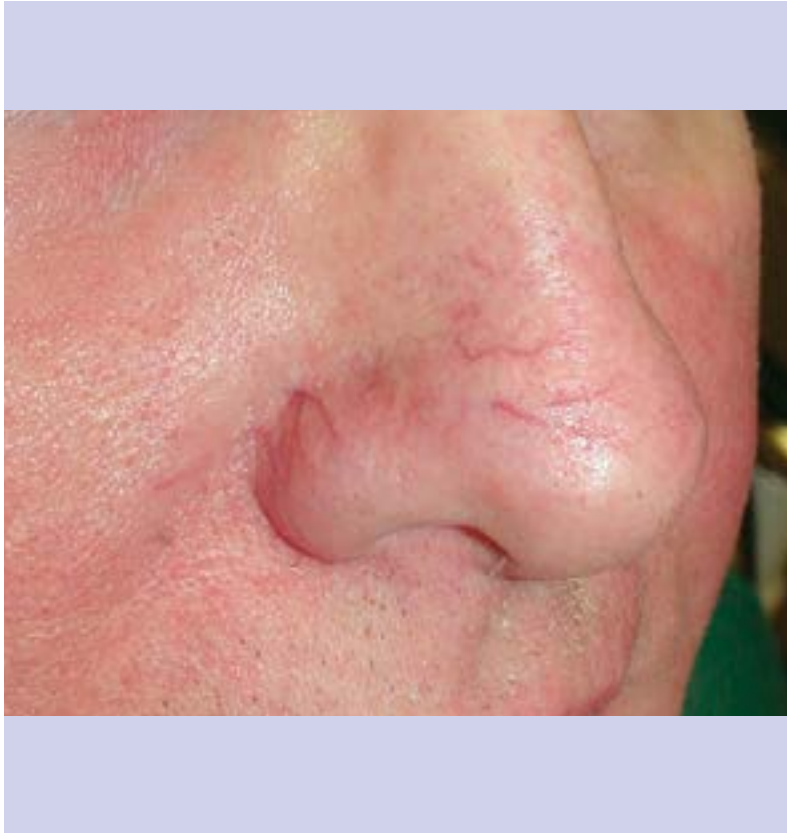
Baseline



1 day after treatment

Courtesy of Firas Al-Niimi, MD

# Vascular Lesions - Multi-Spot Nd:YAG



Baseline



Immediately after treatment

Courtesy of Mitchel P. Goldman, MD

# Leg Veins - Multi-Spot Nd:YAG



Baseline



2 month after 1 treatment

In House Clinic

6mm tip, 120-130 J/cm<sup>2</sup>, 6.5ms double pulse, with 20ms delay

# Leg Veins - Stellar IPL + Multi-Spot Nd:YAG



Baseline



1 month after 3 treatments

Courtesy of Jose Miguel Montero Garcia, MD

IPL: 560 nm filter, 18 J/cm<sup>2</sup>, 8 & 4 ms double pulse, with 20 ms delay

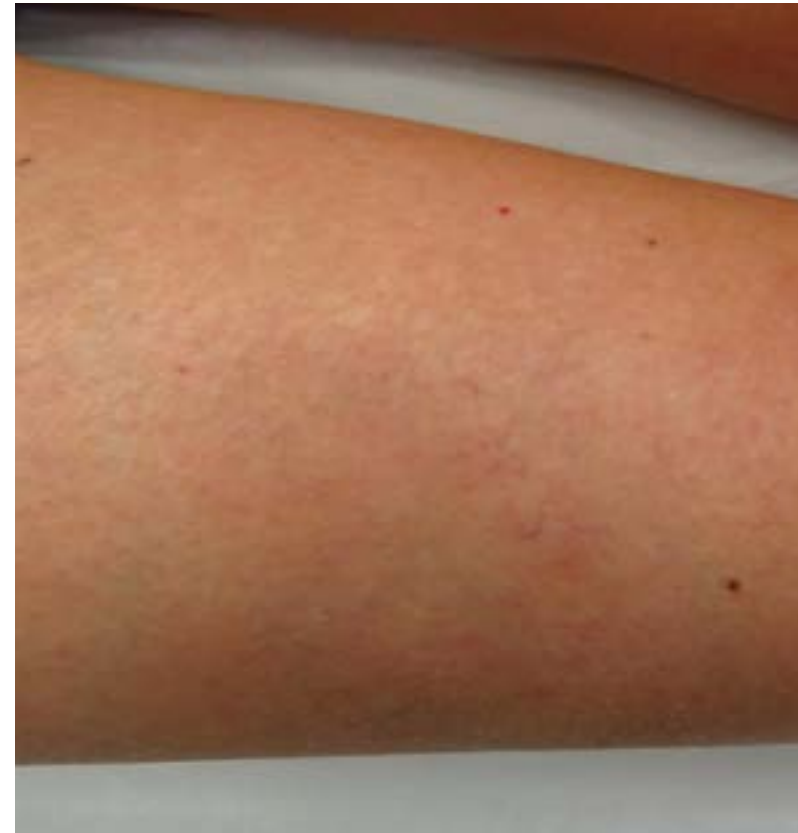
Nd:YAG: 6 mm tip, 100-120 J/cm<sup>2</sup>, 7 & 2 ms double pulse, with 25 ms delay



# Vascular Lesions - Multi-Spot Nd:YAG



Baseline



6 month after 3 treatment

In House Clinic

6mm tip, 120-130 J/cm<sup>2</sup>, 6.5ms double pulse, with 20ms delay

# Vascular Lesions - Multi-Spot Nd:YAG



Baseline



1 month after 1 treatment

Courtesy of Jose Miguel Montero Garcia, MD

6 mm tip, 90 J/cm<sup>2</sup>, 7 ms pulse

# Vascular Lesions - Stellar IPL + Multi-Spot Nd:YAG



Baseline



1 month after 4 treatments

Courtesy of Jose Miguel Montero Garcia, MD

IPL: 560 nm filter, 18 J/cm<sup>2</sup>, 4 ms double pulse, with 20 ms delay

Nd:YAG: 6 mm tip, 90 J/cm<sup>2</sup>, 11.5 ms pulse

# Vascular Lesions - Stellar IPL + Multi-Spot Nd:YAG



Baseline



1 month after 3 treatments

Courtesy of Jose Miguel Montero Garcia, MD

IPL: 590 nm filter, 18-20 J/cm<sup>2</sup>, 4 ms double pulse, with 25 ms delay & 560 nm filter, 14-16 J/cm<sup>2</sup>,  
4 ms double pulse, with 20 ms delay  
Nd:YAG: 6 mm tip, 90 J/cm<sup>2</sup>, 7.5 ms single pulse

# Vascular Lesions - Stellar IPL + Multi-Spot Nd:YAG



Baseline



1 month after 3 treatments

Courtesy of Jose Miguel Montero Garcia, MD

IPL: 590 nm filter, 18-20 J/cm<sup>2</sup>, 4 ms double pulse, with 25 ms delay & 560 nm filter, 14-16 J/cm<sup>2</sup>,  
4 ms double pulse, with 20 ms delay  
Nd:YAG: 6 mm tip, 90 J/cm<sup>2</sup>, 7.5 ms single pulse



# Vascular Lesions - Stellar IPL



Baseline

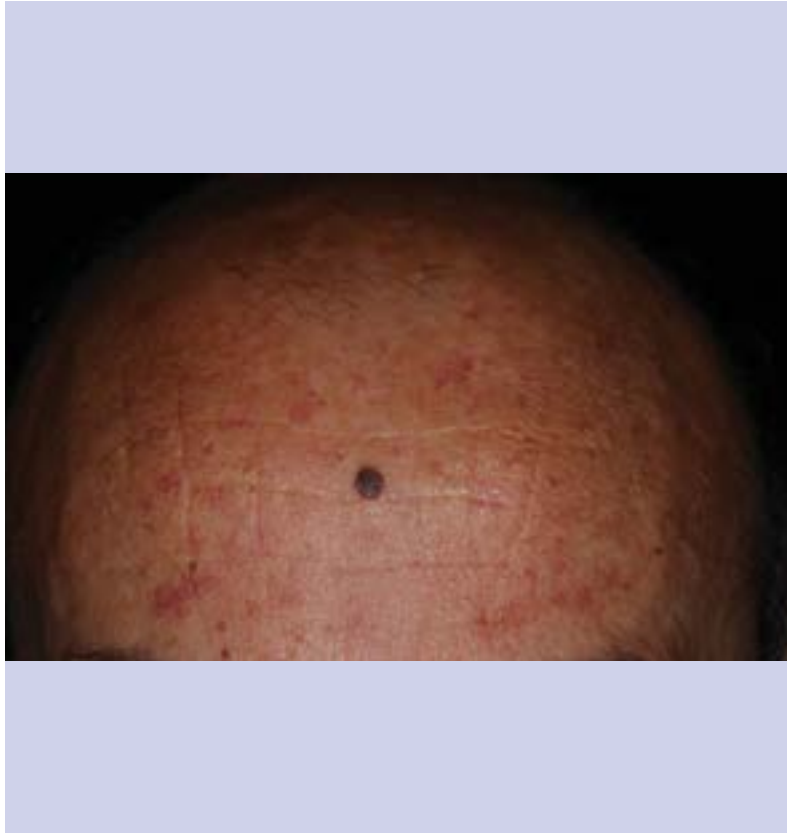


3 months after 3 treatments

Courtesy of Matteo Tretti Clementoni, MD

Vascular filter, 18 J/cm<sup>2</sup>, 3 & 4 ms double pulse, with 20 ms delay

# Vascular Lesions - Stellar IPL



Baseline



3 months after 3 treatments

Courtesy of Matteo Tretti Clementoni, MD

Vascular filter, 18 J/cm<sup>2</sup>, 3 & 4 ms double pulse, with 20 ms delay

# Leg Veins - Multi-Spot Nd:YAG



Baseline



2 month after 3 treatment

In House Clinic

6mm tip, 120-130 J/cm<sup>2</sup>, 6.5ms double pulse, with 20ms delay

# Leg Veins - Multi-Spot Nd:YAG



Baseline



1 months after 3 treatment

In house clinic

6mm tip, single pulse, 13ms, 120-130 J/cm<sup>2</sup>

# Leg Veins - Multi-Spot Nd:YAG



Baseline



2 months after 2 treatment

In house clinic

6mm tip, single pulse, 13ms, 120-130 J/cm<sup>2</sup>



# Leg Veins - Multi-Spot Nd:YAG



Baseline



2 months after 1 treatment

In house clinic

6mm tip, double pulse, 6,5 ms, 20ms delay, 120-130 J/cm<sup>2</sup>

# Leg Veins - Multi-Spot Nd:YAG



Baseline



4 months after 3 treatment

In house clinic

6mm tip, single pulse, 13ms, 120-130 J/cm<sup>2</sup>

# Stellar IPL with OPT - Rosacea

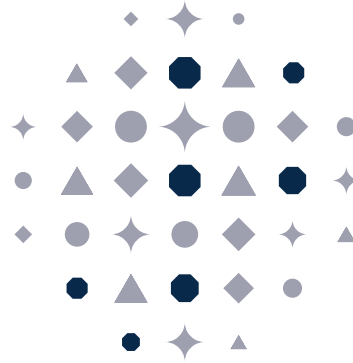


Baseline



After treatment

Courtesy of Gilly Munavalli, MD

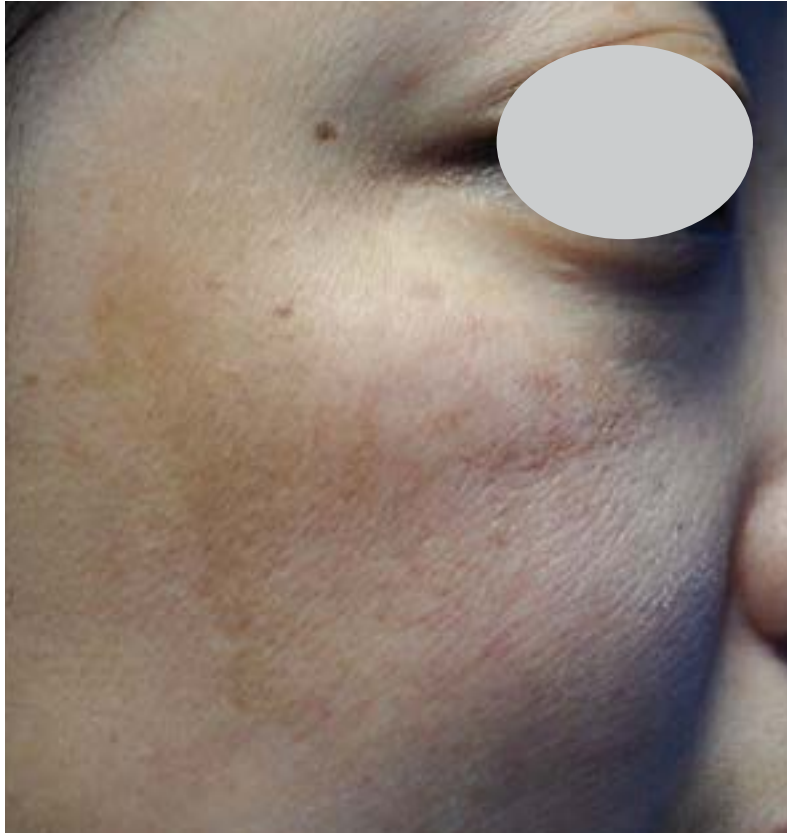


# Stellar M22

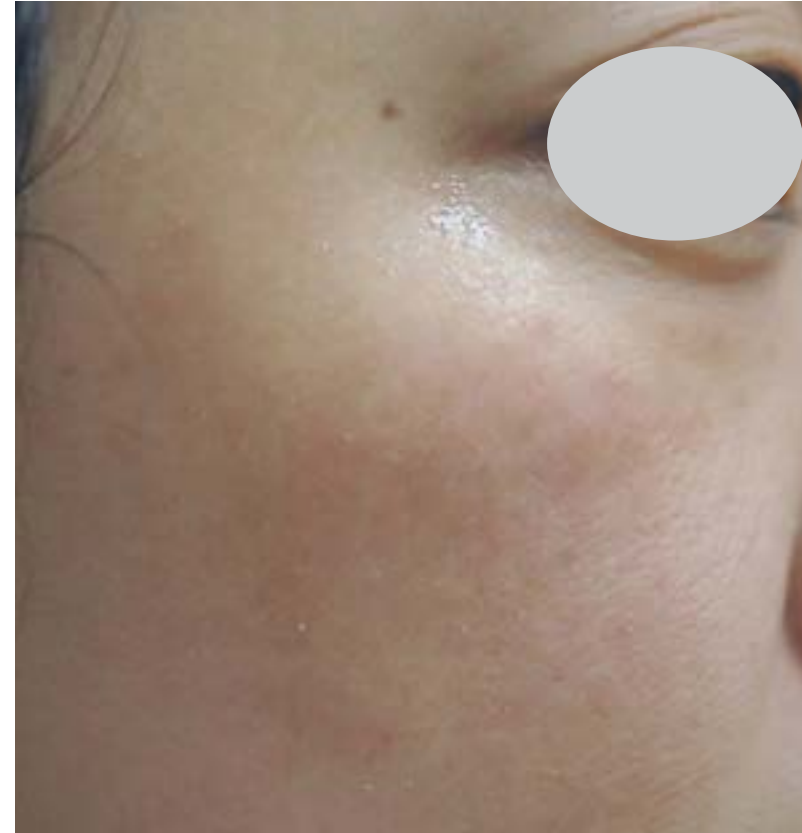
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Pigmentation & Tattoos

# Q-Switched Nd:YAG



Baseline



After 5 treatments, with 1 week between treatments

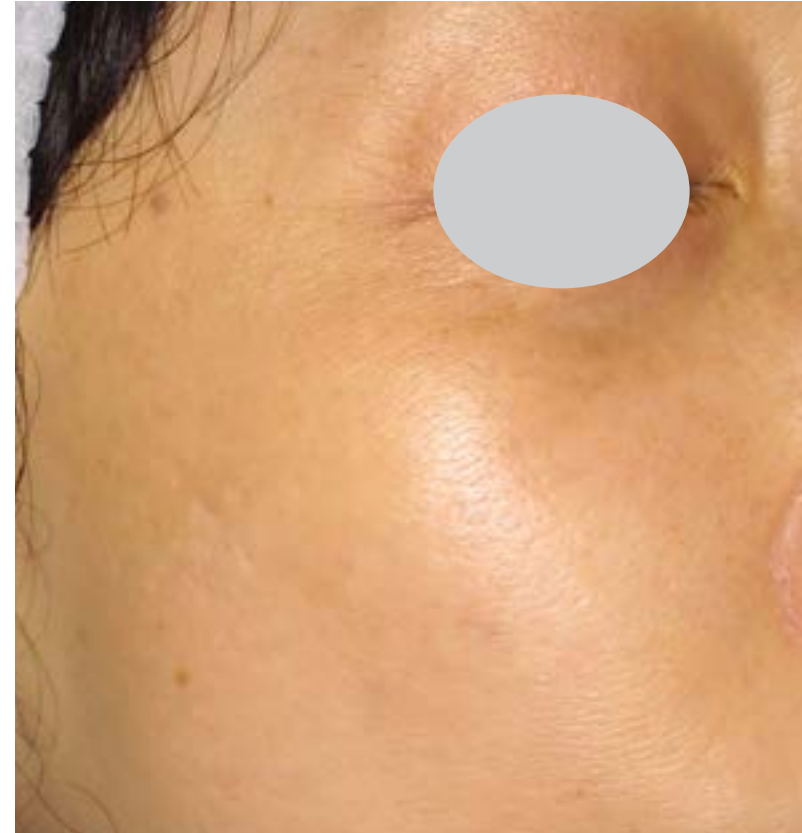
Courtesy of Yuanhong Li, MD



# Q-Switched Nd:YAG + Stellar IPL with OPT™



Baseline



4 months after last treatment

Courtesy of Hiroki Kanda, MD

IPL: 560 nm filter, 12-18 J/cm<sup>2</sup>, 3 ms double pulse, with 20 ms delay

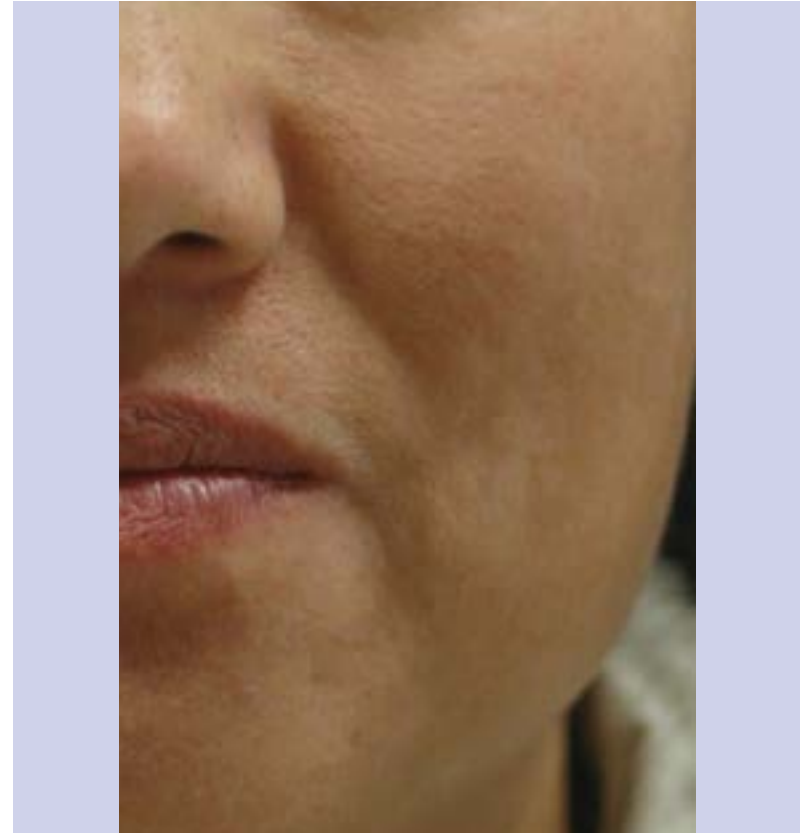
IPL: 590 nm filter, 16-22 J/cm<sup>2</sup>, 3 ms triple pulse, with 30 ms delay

QS: 2 mm spot, with 5.0 Hz repetition rate

# Q-Switched Nd:YAG



Baseline



After 8 treatments, with 1 week between treatments

Courtesy of Yuanhong Li, MD

# Q-Switched Nd:YAG



Baseline



3 month After 7 treatments

In House Clinic

8 mm spot, with 5.0 Hz repetition rate

# Q-Switched Nd:YAG



Baseline



Total of 4 sessions: session 1 and 2 one month apart;  
1 year later session 3 and 4 also 1 month apart.

Courtesy of Panta Rouhani Schaffer

5mm spot, with 5.0 Hz repetition rate

# Stellar IPL with OPT



Baseline



After 1 treatment

Courtesy of Yuanhong Li, MD

560 nm filter, 13 J/cm<sup>2</sup>, 4 ms single pulse



# Stellar IPL with OPT



Baseline



After 1 treatment

Courtesy of Yuanhong Li, MD

# Q-Switched Nd:YAG



Baseline



2 months after 8 treatment

## In House Clinic

Spot size ranges 2-5 mm (fluence range 2.25-14 J/cm<sup>2</sup>), depend on the treatment and the amount of ink left.  
Repetition rate: 5.0 Hz

# Q-Switched Nd:YAG



Baseline



2 months after 6 treatment

## In House Clinic

Spot size ranges 2-5 mm (fluence range 2.25-14 J/cm<sup>2</sup>), depend on the treatment and the amount of ink left.  
Repetition rate: 5.0 Hz

# Q-Switched Nd:YAG



Baseline



2 months after 1 treatment

In House Clinic

Spot size 3.5 mm  
Repetition rate: 5.0 Hz



# Q-Switched Nd:YAG



Baseline



6 weeks after 1 treatment

Courtesy of Moshe Lapidot, MD



# Q-Switched Nd:YAG



Baseline

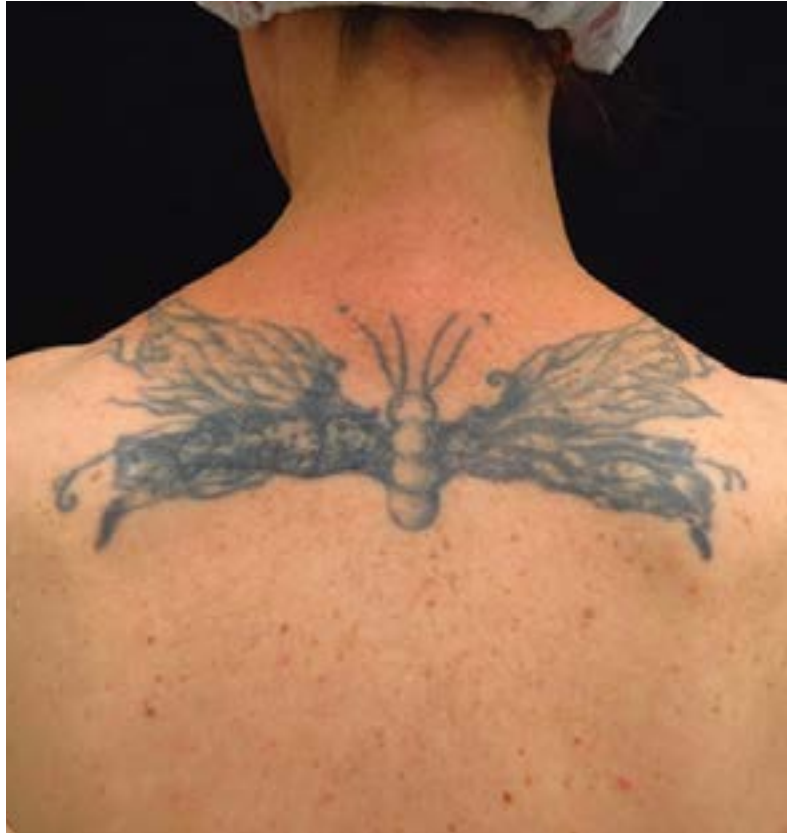


After 9 treatments with 6 weeks between treatments

Courtesy of Michael Oeser, MD

Professional tattoo Tx1: 2.25 J/cm<sup>2</sup>; Tx2: 4.6 J/cm<sup>2</sup>; Tx3: 9 J/cm<sup>2</sup>; Tx4 and onwards: 14 J/cm<sup>2</sup>

# Q-Switched Nd:YAG



Baseline



After  
2 treatments after 4weeks

## In-house clinic

Spot size ranges 2-5 mm (fluence range 2.25-14 J/cm<sup>2</sup>) , depend on the treatment and the amount of ink left.  
Repetition rate: 5.0 Hz

# Q-Switched Nd:YAG



Baseline



After 6 treatments, with 6-9 weeks between first 4 treatments and 5-7 months in-between additional treatments

Courtesy of Michael Oeser, MD

Tx1: 2.25 J/cm<sup>2</sup>; Tx2: 4.6 J/cm<sup>2</sup>; Tx3: 9 J/cm<sup>2</sup>; Tx4 and onwards: 14 J/cm<sup>2</sup>

# Q-Switched Nd:YAG



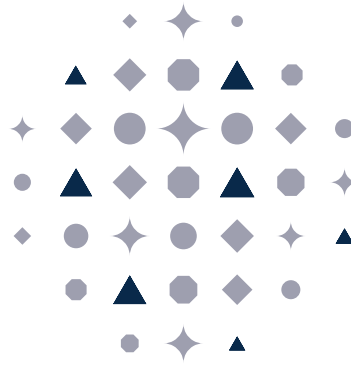
Baseline



2 months after 4 treatment

Courtesy of Kury Michal, MD

Spot size ranges 2-5 mm (fluence range 2.25-14 J/cm<sup>2</sup>), depend on the treatment and the amount of ink left.  
Repetition rate: 5 Hz



# Stellar M22

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Textural Treatments



# Skin Resurfacing - ResurFX



Baseline



3 months after 3 treatments,  
with 1 month between treatments



Pre and post 3D appearance of the  
right cheek

Courtesy of Matteo Tretti Clementoni, MD

200  $\mu$ beams/cm<sup>2</sup> with 43 mJ + 300  $\mu$ beams/cm<sup>2</sup> 50 mJ small spot size on largest blemishes + 300  $\mu$ beams/cm<sup>2</sup> 50 mJ for 2 lines parallel to jaw line

# Skin Resurfacing - ResurFX



Baseline



1 month after 3 treatments

Courtesy of Mitchel P. Goldman, MD

# Skin Resurfacing - ResurFX



Baseline



3 months after 3 treatments, with 6 weeks  
between treatments



Courtesy of Arielle Kauvar, MD

# Skin Resurfacing - ResurFX



Baseline



2 months after 1 treatment

Courtesy of Thierry Fusade, MD

300  $\mu$ beams/cm<sup>2</sup>, 50 mJ



# Skin Resurfacing - ResurFX



Baseline



2 months after 1 treatment

Courtesy of Thierry Fusade, MD

300  $\mu$ beams/cm<sup>2</sup>, 50 mJ



# Skin Resurfacing - ResurFX



Baseline



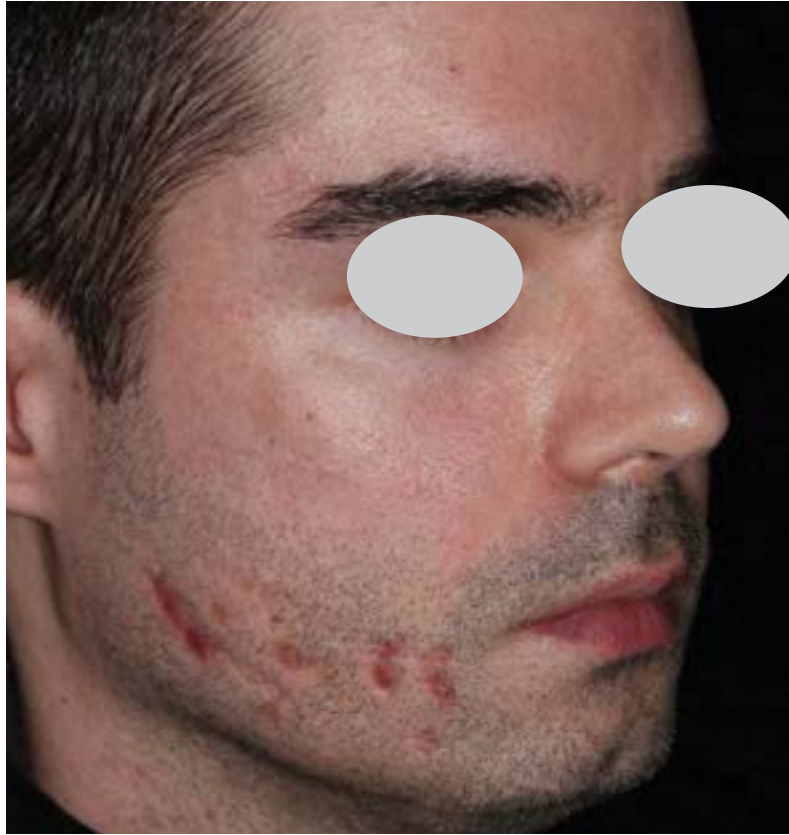
3 months after 4 treatments,  
with 1 month between treatments

Courtesy of Matteo Tretti Clementoni, MD

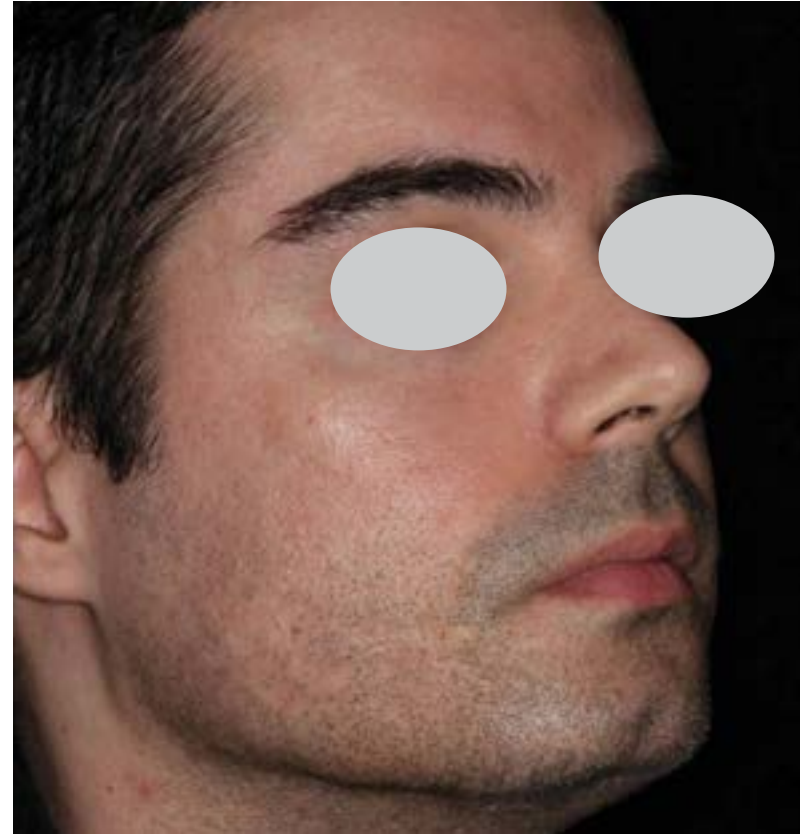
First 2 treatments: 100  $\mu$ beams/cm<sup>2</sup> 60 mJ only on the scar

Last 2 treatments: 250  $\mu$ beams/cm<sup>2</sup> 45 mJ on the scar + 150  $\mu$ beams/cm<sup>2</sup> 50 mJ on the entire area

# Skin Resurfacing - ResurFX



Baseline



3 months after 4 treatments,  
with 1 month between treatments

Courtesy of Matteo Tretti Clementoni, MD

300  $\mu$ beams/cm<sup>2</sup> with 40 mJ on base of scars + 200  $\mu$ beams/cm<sup>2</sup> 50 mJ on the entire area

# Skin Resurfacing - ResurFX



Baseline



3 months after 4 treatments,  
with 1 month between treatments

Courtesy of Matteo Tretti Clementoni, MD

First 2 treatments: 100  $\mu$ beams/cm<sup>2</sup> 60 mJ on the thick scars

Last 2 treatments: 250  $\mu$ beams/cm<sup>2</sup> 45 mJ on the scars + 150  $\mu$ beams/cm<sup>2</sup> 50 mJ on the entire area

# Skin Resurfacing - ResurFX



Baseline



3 months after 4 treatments,  
with 1 month between treatments

Courtesy of Matteo Tretti Clementoni, MD

First 2 treatments: 100  $\mu$ beams/cm<sup>2</sup> 60 mJ only on the scar

Last 2 treatments: 250  $\mu$ beams/cm<sup>2</sup> 45 mJ on the scar + 150  $\mu$ beams/cm<sup>2</sup> 50 mJ on the entire area

# Skin Resurfacing - ResurFX



Baseline



After 6 treatments

Courtesy of Olga Yarish, MD

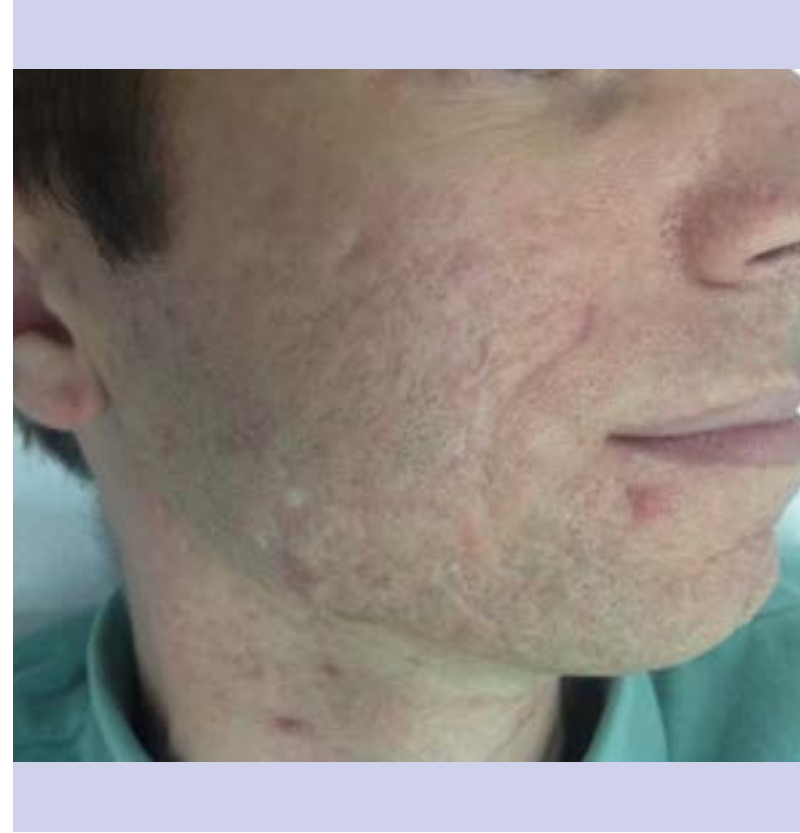
1<sup>st</sup> pass on scars only: 250  $\mu$ beams/cm<sup>2</sup>, 40 mJ,  
Additional 2 passes full face: 300  $\mu$ beams/cm<sup>2</sup>, 25 mJ and 350  $\mu$ beams/cm<sup>2</sup>, 20 mJ



# Skin Resurfacing - ResurFX



Baseline



After 4 treatments

Courtesy of Olga Yarish, MD

1<sup>st</sup> pass on scars only: 350  $\mu$ beams/cm<sup>2</sup>, 45 mJ  
Additional 3 passes – full face – starting at Energy 30mJ and decreasing each pass;  
Density 250  $\mu$ beams/cm<sup>2</sup> and increasing each pass

# Skin Resurfacing - ResurFX



Baseline



After 4 treatments

Courtesy of Olga Yarish, MD

1<sup>st</sup> pass full face: 250  $\mu$ beams/cm<sup>2</sup>, 25 mJ

Additional 2 passes on wide pores: 350  $\mu$ beams/cm<sup>2</sup>, 20mJ and 400  $\mu$ beams/cm<sup>2</sup>, 15mJ

# Skin Resurfacing - ResurFX



Baseline



3 months after 4 treatments,  
with 1 month between treatments

Courtesy of Matteo Tretti Clementoni, MD

First 2 treatments: 100  $\mu$ beams/cm<sup>2</sup> 60 mJ only on the scar

Last 2 treatments: 250  $\mu$ beams/cm<sup>2</sup> 45 mJ on the scar + 150  $\mu$ beams/cm<sup>2</sup> 50 mJ on the entire area

# Skin Resurfacing - ResurFX



Baseline



9 weeks after 1 treatment

Courtesy of Olga Yarish, MD

1<sup>st</sup> pass on scars only: 250  $\mu$ beams/cm<sup>2</sup>, 35 mJ,  
Additional 2 passes – full area – starting at Energy 25mJ and decreasing each pass;  
Density 350  $\mu$ beams/cm<sup>2</sup> and increasing each pass

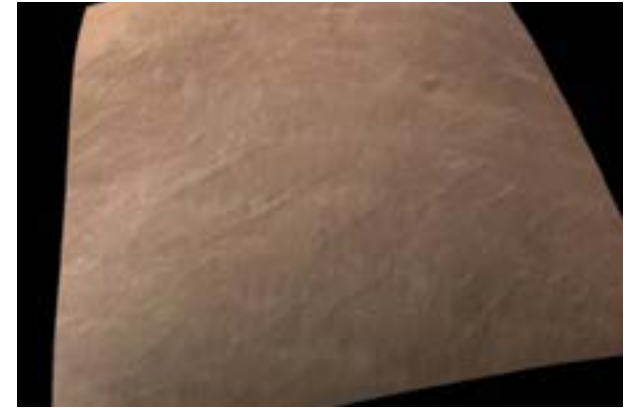
# Skin Resurfacing - ResurFX



Baseline



3 months after 3 treatments,  
with 1 month between treatments



Pre and post 3D appearance of the  
right thigh

Courtesy of Matteo Tretti Clementoni, MD

300  $\mu$ beams/cm<sup>2</sup> with 40 mJ on base of stretch marks + 150  $\mu$ beams/cm<sup>2</sup> 50 mJ on the entire area



# Skin Resurfacing - ResurFX



Baseline



3 months after 3 treatments,  
with 1 month between treatments

Courtesy of Matteo Tretti Clementoni, MD

300  $\mu$ beams/cm<sup>2</sup> with 40 mJ on base of stretch marks + 150  $\mu$ beams/cm<sup>2</sup> 50 mJ on the entire area

# Skin Resurfacing - ResurFX



Baseline



3 months after 3 treatments,  
with 1 month between treatments



Pre and post 3D appearance of the right  
breast

Courtesy of Matteo Tretti Clementoni, MD

300  $\mu$ beams/cm<sup>2</sup> with 40 mJ on base of stretch marks + 150  $\mu$ beams/cm<sup>2</sup> 50 mJ on the entire area

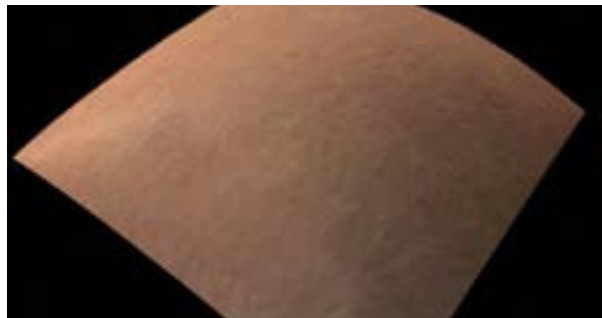
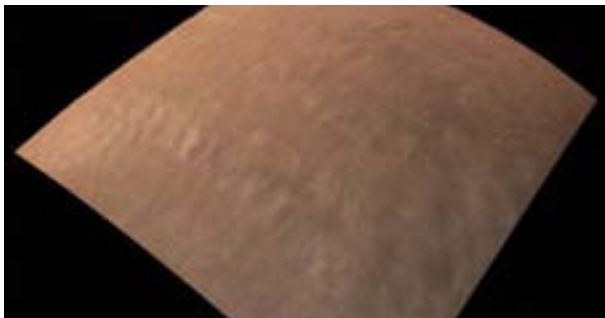
# Skin Resurfacing - ResurFX



Baseline



3 months after 3 treatments,  
with 1 month between treatments



Pre and post 3D appearance of the right  
breast

Courtesy of Matteo Tretti Clementoni, MD

300  $\mu$ beams/cm<sup>2</sup> with 40 mJ on base of stretch marks + 150  $\mu$ beams/cm<sup>2</sup> 50 mJ on the entire area

# Skin Resurfacing - ResurFX



Baseline



After 3 treatments

Courtesy of Olga Yarish, MD

1<sup>st</sup> pass on scars only: 250  $\mu$ beams/cm<sup>2</sup>, 45 mJ

2 additional passes on full face: 300  $\mu$ beams/cm<sup>2</sup>, 25 mJ and 350  $\mu$ beams/cm<sup>2</sup>, 20 mJ

# Skin Resurfacing - ResurFX



Baseline

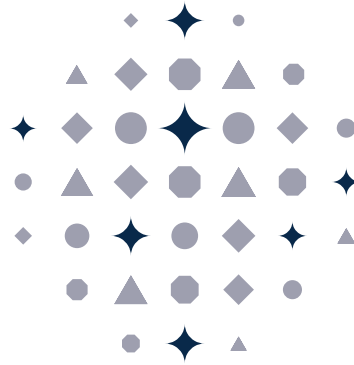


After 3 treatments

Courtesy of Diana Demidion, MD

ResurFX: 150  $\mu$ beams/cm<sup>2</sup>, 50mJ





# Stellar M22

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Photofractional™

# Photofractional



Baseline



6 months after 4 treatments

Courtesy of Matteo Tretti Clementoni, MD

IPL: 590nm filter, double pulse: 4ms pulse, 20ms delay, 18 J/cm<sup>2</sup>; 560nm filter, double pulse: 3 & 5ms pulse, 20ms delay, 19 J/cm<sup>2</sup>  
ResurFX: 300  $\mu$ beams/cm<sup>2</sup>, 38 mJ

# Photofractional



Baseline



6 months after 4 treatments

Courtesy of Matteo Tretti Clementoni, MD

IPL: 590nm filter, double pulse: 4ms pulse, 20ms delay 18 J/cm<sup>2</sup>; 560nm filter, double pulse: 3 & 5ms, 20ms delay, 19 J/cm<sup>2</sup> ; 515nm filter, single pulse 4ms, 14 J/cm<sup>2</sup> (on sun spots)  
ResurFX: 300  $\mu$ beams/cm<sup>2</sup>, 42 mJ

# Photofractional



Baseline



6 months after 4 treatments

Courtesy of Matteo Tretti Clementoni, MD

IPL: 560nm filter, double pulse: 3 & 5ms duration, 20 & 15ms delay, 19 J/cm<sup>2</sup>; 515nm filter, single pulse: 4ms, 14 J/cm<sup>2</sup> (on lentigos). During Tx 1 & 2, two passes with 560nm filter  
ResurFX: Full face: 300  $\mu$ beams/cm<sup>2</sup>, 42mJ; On lentigos: 450  $\mu$ beams/cm<sup>2</sup>, 22mJ

# Photofractional



Baseline



After 2 treatments

Courtesy of Jennifer Deaver-Peterson, MD

IPL: 560nm filter, double pulse 3ms duration, 30ms delay, 18 J/cm<sup>2</sup>  
ResurFX: 350  $\mu$ beams/cm<sup>2</sup>, 30mJ



# Photofractional



Baseline



2 months after 2 treatments

## In-house clinic

TX 1: IPL: 560nm filter on full face; ResurFX: 300  $\mu$ beams/cm<sup>2</sup>, 30-40mJ

TX 2: IPL: 560nm filter on full face + Vascular filter on nasal telangiectasia; ResurFX: 250  $\mu$ beams/cm<sup>2</sup>, 30-35mJ

# Photofractional



Baseline



1 months after 2 treatments

## In-house clinic

TX 1: IPL: 560nm filter, double pulse, 4ms pulse, 15ms delay, 15 J/cm<sup>2</sup>; ResurFX: 200-300  $\mu$ beams/cm<sup>2</sup>, 30-40mJ  
Tx 2: IPL: 560nm filter, double pulse, 4ms pulse, 15ms delay, 17 J/cm<sup>2</sup>; ResurFX: 200-300  $\mu$ beams/cm<sup>2</sup>, 30-34mJ

# Photofractional



Baseline



1MFU After 4 IPL tx + 3 ResurFX

## In Housh Clinic

IPL: 560nm filter, double pulse 3.5-4ms pulse, 15ms delay, 14-17 J/cm<sup>2</sup>; Vascular filter, double pulse 3.5ms pulse, 15ms delay, 17-20 J/cm<sup>2</sup>

ResurFX: 150-300 µbeams/cm<sup>2</sup>, 20-30mJ

# Photofractional



Baseline



1 month after 1 treatment

## In-house clinic

IPL: 560nm filter, double pulse 3.5 & 4ms pulse, 15ms delay, 14-18 J/cm<sup>2</sup>  
ResurFX: 250-300 µbeams/cm<sup>2</sup>, 10-30mJ



# Photofractional



Baseline



1 month after 1 treatment

## In-house clinic

IPL: 560nm filter, double pulse 3.5 & 4ms pulse, 15ms delay, 14-18 J/cm<sup>2</sup>  
ResurFX: 250-300 µbeams/cm<sup>2</sup>, 10-30mJ



# Photofractional



Baseline



2 month after 1 treatment

Courtesy of Diana Demidion, MD

IPL: 640nm filter, triple pulse: 3ms pulse 30ms delay, 25J/cm<sup>2</sup> + 560nm filter, single pulse: 6ms, 16J/cm<sup>2</sup>  
ResurFX: 12 passes of 100  $\mu$ beams/cm<sup>2</sup>, 45 mJ

# Photofractional



Baseline



6 months after 3 treatments

Courtesy of Matthew Knight, MD

IPL: Filter 560nm, Fluence 16 J/cm<sup>2</sup>, double pulse: 4ms pulse, 20 ms delay.  
ResurFX: Orbital area 200  $\mu$ beams/cm<sup>2</sup>, 20 mJ; Full face 350  $\mu$ beams/cm<sup>2</sup>, 30mJ

# Photofractional



Baseline



4 month After 1 treatment IPL + 1 treatment  
Photofractional

## In-house clinic

IPL: 560 nm, double pulse: 4ms pulse, 20ms delay, 17 J/cm<sup>2</sup>

ResurFX: 150-200  $\mu$ beams/cm<sup>2</sup>, 25-30 mJ

# Photofractional



Baseline



6 months after 3 treatments

Courtesy of Matthew Knight, MD

IPL: Filter 560nm; Fluence 15 J/cm<sup>2</sup>, double pulse: 4ms pulse, 20 ms delay.

ResurFX: Orbital area 200  $\mu$ beams/cm<sup>2</sup>, 20-25 mJ; Full face 350  $\mu$ beams/cm<sup>2</sup>, 30-35 mJ



# Photofractional



Baseline



1 month after 3 treatments

Courtesy of Gerd Kautz, MD

IPL: Filter 560nm; Fluence 11 J/cm<sup>2</sup>, double or triple pulse: 3ms pulse, 20 ms delay.

ResurFX: 250-350  $\mu$ beams/cm<sup>2</sup>, 20 mJ



# Photofractional



Baseline



1 month after 3 treatments

Courtesy of Gerd Kautz, MD

IPL: Filter 560nm; Fluence 13 J/cm<sup>2</sup>; Triple pulse: 3ms pulse, 20 ms delay.  
ResurFX: 300  $\mu$ beams/cm<sup>2</sup>, 30 mJ

# Photofractional



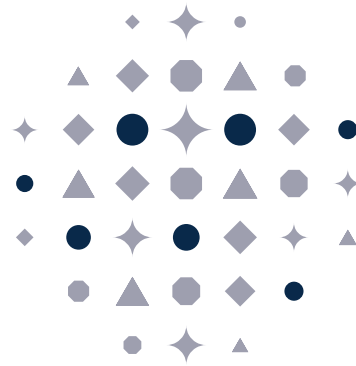
Baseline



1 month after 3 treatments

Courtesy of Gerd Kautz, MD

IPL: Filter 560nm; Fluence 12-13 J/cm<sup>2</sup>; Triple pulse: 3ms pulse, 20 ms delay.  
ResurFX: 250-300  $\mu$ beams/cm<sup>2</sup>, 25-30 mJ



# Stellar M22

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Acne

# Stellar IPL



Baseline



After 1 treatments



After 4 treatments

Courtesy of Yuanhong Li, MD

560 nm filter, 14-20 J/cm<sup>2</sup>, 3.5 ms double pulse, with 30 ms delay

# Stellar IPL



Baseline



After 1 treatments



After 2 treatments



After 2 treatments

Courtesy of Yuanhong Li, MD

590 nm filter, 17-19 J/cm<sup>2</sup>, 3 ms triple pulse, with 30 ms delay



# Stellar IPL



Baseline



After 4 treatments



After 6 treatments

Courtesy of Bill Chehao Hsu, MD

Step 1: Full face, large lightguide, 590nm filter, Fluence 13-15J/cm<sup>2</sup>, Double pulse 4ms, with 30-40ms delay, 2 passes  
Step 2: Acne area only, small lightguide, Acne filter, Fluence 14-15J/cm<sup>2</sup> (skin type III) or 12-13J/cm<sup>2</sup> (skin type IV),  
Double pulse 4ms, with 20-30ms delay (skin type III) or 25-35ms (skin type IV), 1 pass.

# Stellar IPL



Baseline



1 month after 5 treatments

Courtesy of J. Matthew Knight, MD

Acne filter, 13-16 J/cm<sup>2</sup>, 4 ms double pulse, with 25-30 ms delay

# Stellar IPL



Baseline



1 month after 5 treatments

Courtesy of J. Matthew Knight, MD

Acne filter, 13-16 J/cm<sup>2</sup>, 4 ms double pulse, with 25-30 ms delay

# Stellar IPL



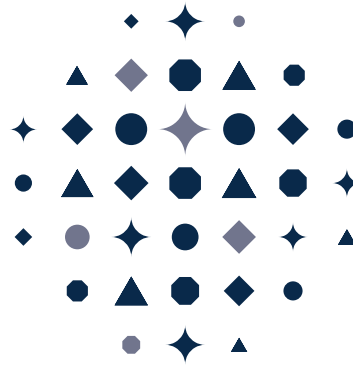
Baseline



1 month after 5 treatments

Courtesy of J. Matthew Knight, MD

Acne filter, 13-15 J/cm<sup>2</sup>, 4 ms double pulse, with 30 ms delay



# Stellar M22

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Other



# Stellar IPL with OPT - Hair Removal



Baseline



After 6 treatments

Courtesy of Mariela Nazar, MD

# Stellar IPL with OPT - Hair Removal



Baseline



After treatment

Courtesy of Robert Weiss, MD

# Stellar IPL with OPT - Hair Removal



Baseline



After treatment

Courtesy of Franklin Johnson, MD

# Stellar IPL with OPT - Hair Removal



Baseline



After treatment

Courtesy of Franklin Johnson, MD

# Stellar IPL with OPT - Warts



Baseline



2 months after last treatment

Courtesy of Hiroki Kanda, MD



# Stellar IPL with OPT - Warts



Baseline



1 month after 3 treatments

Courtesy of Hiroki Kanda, MD

# Stellar IPL with OPT - Warts

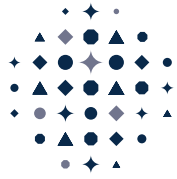


Baseline



3 weeks after last treatment

Courtesy of Hiroki Kanda, MD



# Stellar M22

Shine on

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