



QX Max

Technology and Applications

QX Max Technology

QX Max Competitive Analysis

QX Max Applications



QX Max Applications

QX Max

Applications

- Tattoo Removal
- Pigmented Lesion Treatments
- Vascular Lesion Treatments
- Treatment of Seborrheic Keratosis
- Treatment of Post-Inflammatory Hyperpigmentation
- Removal and Lightening of Unwanted Hair
- Skin Resurfacing Procedures
- Treatment of Acne Scars and Wrinkles



QX Max

Indications for Infrared Q-Switched Nd:YAG (1064 nm)

- Unwanted Tattoos: blue, black, brown, gray
- Nevus of Ota
- Common Nevi
- Unwanted Hair
- Skin Resurfacing (scars and wrinkles)



Name Surname, ver x.y., dd.mm.yyyy

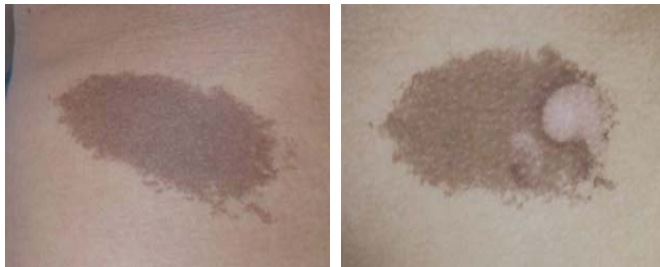
One family, together

The Highest Performance, Best Made Laser Systems in the World

QX Max

Indications for Q-switched KTP laser (532nm and further converted to 585 nm, 650 nm)

- **Unwanted Tattoos:** red, tan, purple, orange(532 nm), sky blue (585nm), green (650 nm)
- Pigmented lesions (532 nm)
- Vascular Lesions (532 nm or 585 nm)
- Seborrheic Keratosis (532 nm)
- Post-Inflammatory Hyperpigmentation (532 nm)
- Scars and Wrinkles (532 nm)




QX Max

Indications for Accelera Pulse 1064nm Nd:YAG laser

- Removal of unwanted hair
- Photocoagulation and hemostasis of pigmented and vascular lesions, such as, but not limited to, port wine stains, hemaangioma, warts, telangiectasia, rosacea, venus lake, leg veins and spider veins
- Treatment of mild to moderate inflammatory acne vulgaris
- Coagulation and hemostasis of soft tissue
- Treatment of wrinkles, fine lines
- Treatment of irregular skin texture and skin tone, enlarged pores
- Treatment of erythema
- Treatment of acne scarring



QX Max Selected Applications

17.05 – 17.45	Selected Applications with QX Max
	<i>Pigmented lesions – Dr. S. Saracoglu, Turkey</i>
	<i>Tattoo removal – Dr. J. Kozarev, Serbia</i>
	<i>Vascular lesions with QX Max – Z. Vizintin, Slovenia</i>
	<i>New treatments with QX Max - Dr. J. Kozarev, Serbia</i>
17.45 – 18.00	Qs Round table discussion

Dr. Serafettin Saracoglu: Pigmented Lesions



Dr. Şerafettin Saraçoğlu has been actively involved in developing and administering laser-based treatments for over 10 years. His laser experience encompasses almost all medically relevant wavelengths. He currently operates a private practice at the Saraçoğlu Hospital Dermatology Clinic at the Bahçelievler medical park in Turkey. He uses the Fotona QX, the Fotona XP Max, and the Fotona Dualis systems.

Dr. Serafettin Saracoglu: Pigmented Lesions

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Removal of Nevus of Ota Using Q-Switched Nd:YAG

Recommended Parameters:

Treatment	Fluence (J/cm ²)	Spot Size (mm)	Frequency (Hz)
1	4	4	2
2	6	4	2
3	7.2	4	2
4	7.8	4	2
5	8	6	8
6	8.3	6	8

(Courtesy of Dr. Serafettin Saracoglu)



Before treatment (A) and after last treatment (B)

The patient presented with a Nevus of Ota on the left side of the face. Discoloration was more pronounced around the eye socket and faded toward the outer regions of the face. A series of six treatments was undertaken to lighten the Nevus of Ota with the Fotona QX.

Before each treatment, topical anesthetic was applied (EMLA or Ela-Max) and cooling was performed with a cryo air cooling unit set at cooling level 5 or 6. During the treatment, the handpiece was held perpendicular to the treatment area as it was moved across the treatment area. The Fluence settings were determined for each treatment based on the desired end effect. First a low, 2 J/cm² fluence was used and then increased in 0.5 or 1 J/cm² increments until the treated area began to turn white and crusty. Adequate time for recovery was allowed for between treatment sessions. During the last two treatments a large spotsize and low fluence were used at frequency settings, to deliver a clinically significant amount of energy and at the same time obtain wide area rejuvenation. Fluence settings between 2-12.5 J/cm² have been used to successfully treat Nevus of Ota. The results were very satisfactory, a vast improvement in skin color at the end of treatment was obtained.

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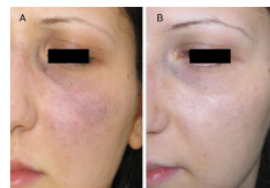
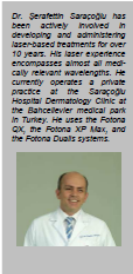


Removal of Nevus of Ota – A Two Month Follow Up

Recommended Parameters:

Treatment	Fluence (J/cm ²)	Spot Size (mm)	Frequency (Hz)
1	4	4	2
2	6	4	2
3	7.2	4	2

(Courtesy of Dr. Serafettin Saracoglu)



Before treatment (A) and After treatment 2 (B)

The patient presented with a Nevus of Ota on the left side of the face. During and after a series of three treatments the skin discoloration was almost eliminated. Two month follow-up after the third treatment showed that the results remained stable. The treatment was performed with a Fotona QX, a Q-switched Nd:YAG laser.

Before each treatment topical anesthetic was used (EMLA or Ela-Max) and cooling was performed with the cryo cooling unit set at cooling level 5 or 6. During the treatment, the handpiece was held perpendicular to the treatment area as it was moved across the treatment area. The fluence settings for treatment were determined for each treatment based on the desired end effect. First a low, 2 J/cm² fluence was used and was increased in 0.5 or 1 J/cm² increments until the treated area began to turn white and crusty. Adequate time for recovery was allowed for between treatment sessions. In general, fluence settings between 2-12.5 J/cm² have been used to successfully treat Nevus of Ota.

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Dr. Jasmina Kozarev: Tattoo removal

She has been using the QX Max for over a year and in that time has successfully treated over 50 tattoos: from complex multicolored and multilayered tattoos to difficult to remove permanent makeup based tattoos and extremely large area tattoos.



Dr. Jasmina Kozarev: Tattoo removal

Tattoo removal



Jasmina Kozarev
Dr.Kozarev Dermatology Laser Clinic



Zdenko Vižintin: Vascular lesions with QX Max



Dr. Jasmina Kozarev: New Treatments with QX Max

- Hyaluronic Acid filler granuloma removal
- Scars management
- Melasma treatment
- Lentigo on hands
- Depigmentation of Vitiligo affected areas



Dr. Jasmina Kozarev: New Treatments with QX Max

New treatments with QX MAX



Jasmina Kozarev
Dr.Kozarev Dermatology Laser Clinic





Thank you for your attention!