

Soprano*ice*  
Pretty.Cool.



Alma Lasers is a global innovator of laser, light-based, radiofrequency and ultrasound technologies for the aesthetic and surgical markets. We enable practitioners to offer safe and effective procedures while allowing patients to benefit from state-of-the-art, clinically proven solutions.

**Alma**  
Lasers™

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**Alma Lasers GmbH**

Nordostpark 100-102  
90411 Nürnberg, Germany  
Tel: + 49 911 / 89 11 29-0  
Fax: + 49 911 / 89 11 29-99

info@almalasers.com

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Soprano*ice*  
Pretty.Cool.

THE COMPLETE  
SOLUTION FOR  
LASER HAIR REMOVAL

Virtually **painless**

Proven safety record

All skin types,  
even tanned skin



**Alma**  
Lasers™



"In the crowded field of energy-based hair removal systems, Soprano ICE from Alma Lasers stands apart from the competition by offering **cutting edge technology** for effective, fast and virtually painless treatments."

Michael H. Gold, M.D.,  
Medical Director, Gold Skin Care Center, Nashville TN, USA

## AN ALL IN ONE, MULTI PACKAGE

Soprano*ice*

Soprano ICE is the most **complete** and **effective** laser hair removal solution available today.

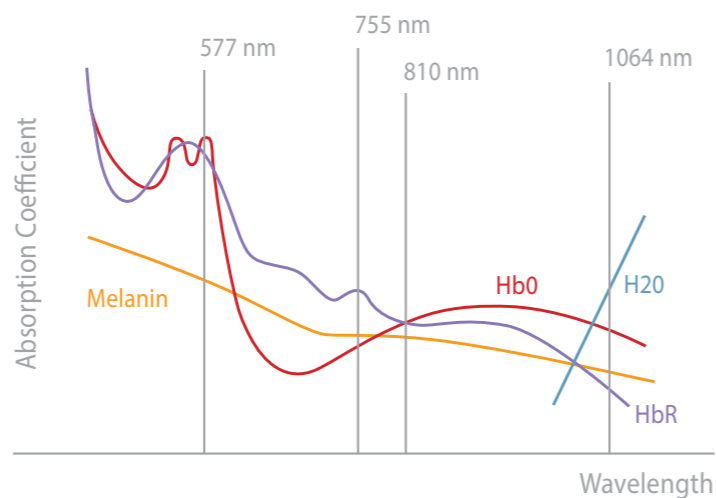
By incorporating multiple laser wavelengths and technologies, Soprano ICE allows practitioners to treat the widest range of patients and hair types all year round, administer treatments quickly and comfortably and achieve the best possible clinical results.

Always at the forefront of innovation, Alma brings you the most advanced hair removal solutions available in the industry. By combining the benefits of the Alexandrite wavelength with the advantages of a diode laser, Soprano ICE offers the cutting-edge in hair removal technology and treatment methods.

### ICE™ TECHNOLOGY

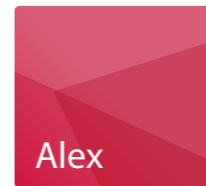
Simultaneous contact cooling

ICE™ is an advanced cooling technology that cools the skin during treatment for longer periods of time. The ICE™ tech cold sapphire tip minimizes the risk of burns on the skin surface while maintaining heat within the dermis where hair follicles are treated. Contact Cooling increases patient comfort, making treatments more enjoyable than ever before.



"If the growth of your hair removal practice is frozen, it is the time to step up to Soprano ICE. Eradicate the thick hair with the 810 diode and mop up the thin hair with the Alex. **Excellent Combination.**"

Dr. Ganesh Pai, Derma-Care Centre, Mangalore



Specifications:  
Diode, 755 nm, Spot Size 15x10 mm, up to 10 Hz



### DIODE LASER ALEX

For the widest range of hair types and color

Soprano ICE offers breakthrough hair removal technology using a diode laser based on an Alexandrite wavelength, allowing for even better energy absorption by the melanin chromophore. The powerful absorption that is possible with the Alex wavelength combined with the contact cooling, treatment coverage, comfort and low maintenance of the diode laser provides an ideal solution for the widest range of hair types and color - especially light-colored and thin hair.



Specifications:  
Diode, 810 nm, Spot Size 20x10 mm, up to 10 Hz



### SPEED™

Half the treatment time

Perform more treatment sessions in less time with a large spot size applicator, allowing you to quickly treat larger areas, while offering your patients the fastest and most effective hair removal possible.



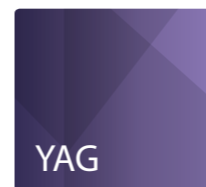
Specifications:  
Diode, 810 nm, Spot Size 12x10 mm, up to 10 Hz



### COMPACT

Versatile treatment methods

An ergonomic lightweight design makes treatments more comfortable for practitioners and more enjoyable for patients.



Specifications:  
Diode, 1064 nm, Spot Size 12x10 mm, up to 10 Hz



### DIODE LASER YAG

Specialized for darker skin types

The YAG uses a diode laser based on an ND: YAG wavelength, allowing for moderate energy absorption by the melanin chromophore. This absorption level combined with the contact cooling, treatment coverage, comfort and low maintenance of the diode laser, provides a focused solution for darker skin types.



Specifications:  
Diode, 810 nm, Spot Size 6 mm



### FACIAL TIP

Reaching the hard to reach

The unique Facial Tip allows treatment of hard to reach areas, including the ears, nostrils and glabella.



### DISPOSABLE HYGIENIC TIP

Treatment of intimate area

A unique disposable tip for treatment of intimate areas (10 units per package).

# MULTIPLE MODES: SHR™, SHR™ Stack & HR

Soprano<sup>ice</sup> offers you multiple treatments methods: In-Motion™, SHR Stack and stationary, to accommodate the varying needs of your practice.



## SHR™ BY ALMA LASERS

SHR is Alma Laser's proprietary hair removal method used in clinics around the world with global brand recognition in the past 10 years.

### Heat build-up

SHR works by gradually heating the dermis to a temperature that effectively damages the hair follicles and prevents re-growth, while avoiding injury to the surrounding tissue. A **high repetition rate of short pulses** are delivered deep into the dermis, achieving **high average power** and therapeutically effective heat build-up, with virtually no pain. The sweeping In-Motion™ technique of moving the applicator repeatedly over the treatment area ensures full coverage while ICE™ tech cools the skin surface - preventing superficial burns and allowing for virtually painless, yet highly effective hair removal. SHR technology has been the subject of numerous white papers, peer reviewed articles and other professional studies. In studies comparing SHR to other laser hair removal technologies, SHR was found to cause considerably less pain,



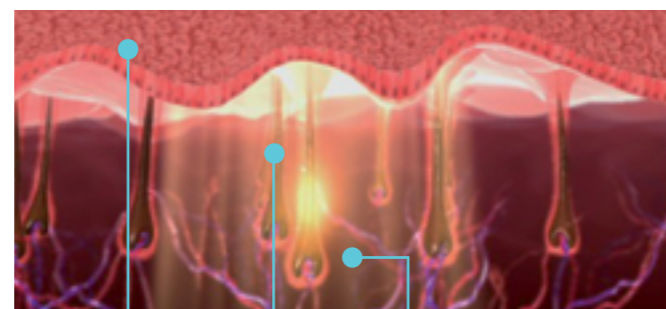
I believe Soprano **SHR is the first innovation** in laser hair removal in the past 10 years. We are now able to treat all skin types safely, with less pain and without compromising efficacy.

**Martin Braun, Md**

Vancouver Laser Center, Vancouver, BC, Canada

to be more effective, and to cause no side effects in dark skinned patients.

The new SHR Stack mode is a stationary technique specifically aimed to treat small areas in the face (beard, upper lip) or small body areas (axilla, bikini).



Epidermis ~25°C with cooling | Dermis ~45°C | Hair Follicle ~50°C during SHR procedure

"Soprano SHR has revolutionized medical photoepilation, contributing longer lasting and better results compared to conventional technologies.

'In-Motion' treatment, applying low fluence at high repetition rates, enables us to provide customized photoepilation for each patient. Soprano works with all skin and hair types, all year round, with consistent, safe, reliable results. **Today Soprano SHR is an essential tool** for aesthetic practices, providing more patient advantages than any of its competitors"

**Fernando Urdiales, md**

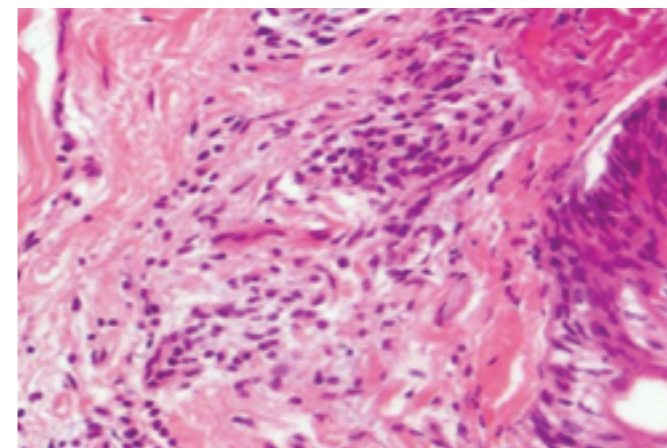
Director of Miramar Medical Institute, Malaga, Spain

"**Soprano ICE stands out** from the available lot of laser hair removals because of its results, ease of use and turn around time. We have achieved 95% clearance of stubborn hair with just 3-4 sessions."

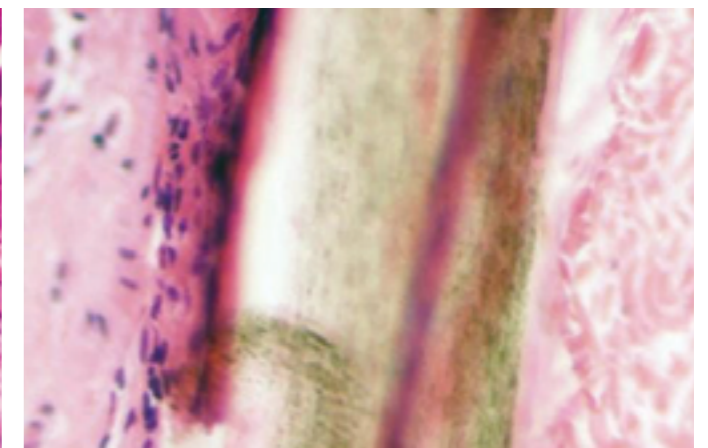
**Dr. Chytra Anand**

Kosmoderma, Bangalore

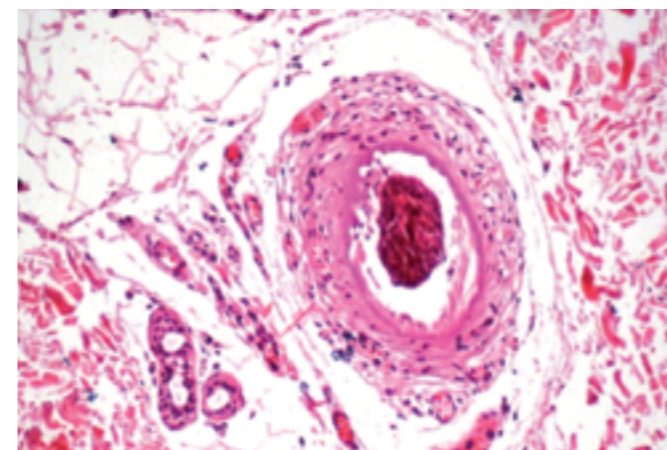
## SHR Histology



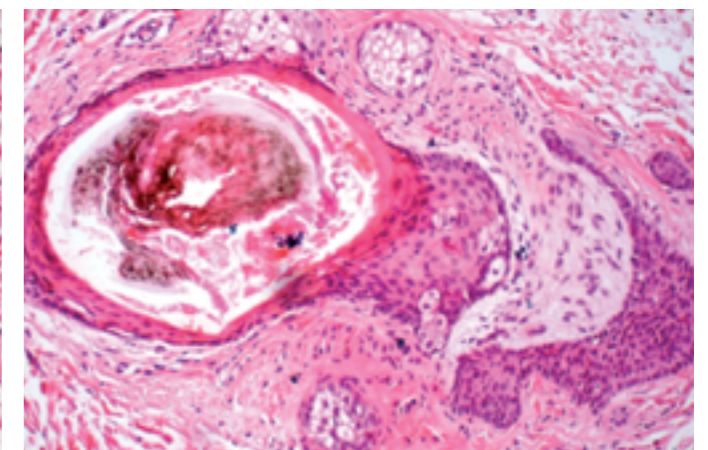
inflammation and thermal damage to the hair follicle  
courtesy of Trelles MA, Urdiales F, Al-Zarouni M, Madrid Spain



Presence of hair disruption with detachment from its shaft



Coagulative necrosis and shrinkage of the central components of the hair follicle  
courtesy of Dr. Tania Meneghel, São Paulo, Brazil



Epithelial thinning and dilation



# EXTENDING THE POWER OF ALEX TO DARK SKIN

The groundbreaking Alex® technology combines the high absorption benefits of the **Alexandrite** wavelength with the treatment coverage, comfort and low maintenance of the **diode laser**, offering a cutting-edge hair removal solution that delivers superior results—including for darker skin types.

A recent clinical study<sup>1</sup> comparing the Alex 755 nm diode laser to the conventional 755 nm Alexandrite laser

demonstrated that the Alex laser is **just as effective**, and in SHR mode, even **safer** than the traditional Alexandrite laser, while significantly **less painful** for patients. Alex technology features simultaneous, integrated contact cooling, no disposables and either stationary or In-Motion delivery options as well as compatibility with HR, SHR Stack and SHR modes, making Alex the preferred hair removal treatment method for both practitioners and patients.

Side-by-side comparison study of 755-nm diode laser (Soprano ICE) vs. 755-nm conventional alexandrite laser (Arion) for axillary and breast laser hair removal. Paasch Uwe<sup>1</sup>, Wagner A. Justinus<sup>1</sup>, Paasch Hartmut<sup>2</sup> University of Leipzig, Department of Dermatology, Venereology and Allergology Leipzig, Germany (1) and Allergology, Lasers and Aesthetics Gotha Saxony, Germany

*“Soprano ICE with the 755 nm hand piece combines all the advantages of the Alexandrite laser and of the diode laser.*

*The treatment results have been very good, even better than those of all other hair removal lasers I have used in the past.*

*This is a major advancement for patients who demand not only effective hair removal treatments, but painless ones as well”*

**Prof. Dr. Uwe Paasch**, Leipzig, Germany

Advantages of Alex Diode Laser vs. Alexandrite Laser:

	Diode Laser Alex 755 nm	Alexandrite 755 nm
Cooling	Continuous contact cooling	Air cooling / Cryogen
Maintenance	No disposables	Fiber & Cryogen
Treatment Coverage	Full coverage rate	Overlapping
Treatment Method	Multiple modes: HR, SHR In-Motion & SHR Stack	HR-Stationary

*The use of SHR in patients with dark skin types may substantially reduce pain or discomfort and minimize severity of blistering, scabbing, crusting and hyper/hyperpigmentation.”*

**Dr. Tania Meneghel**, Renaissance Clinic, São Paulo, Brazil



*"Pain-free isn't the only innovation, of course. Soprano also has a fast coverage rate, with a huge 12x10 mm spot and up to 10 Hz repetition rate.*

*Plus, with no consumables, Soprano is easy to operate and very cost-effective. Soprano painless hair removal has transformed the laser hair experience for men because let's face it - men are not very good with pain! Treatment is also quick and results rapid and this is very appealing to male clients."*

**Patrick Bowler, MS.BS**

Co-Found of the British Association of Cosmetic Doctors  
Court House Clinics, UK



#### VIRTUALLY PAINLESS

SHR™ is the only clinically proven method of laser hair removal that is virtually painless. The unique heating and energy delivery method effectively damages the hair follicle and prevents re-growth, while preventing injury to the surrounding tissue. At the same time, ICE™ tech cools the skin surface, preventing superficial burns and the sensation of pain.



#### PROVEN SAFETY RECORD

SHR™ has been proven in multiple clinical studies as the safest method of laser hair removal for all skin types, including dark skin whereby melanin is exponentially more sensitive to the heat used in laser treatment.

Hair follicles are damaged not by a single pulse of high energy, but by repetitive short energy pulses. These pulses minimize the risk of burning to the skin, as it is the heat build-up which raises the temperature of the dermis to the level needed for preventing hair growth.



#### ALL SKIN TYPES

Rather than exposing the hair follicle to a single high energy pulse which can cause trauma to skin with a high melanin count, SHR™ gradually heats the skin until the required heat energy is delivered to the hair follicle. This makes SHR™ the safest laser hair removal option, including for dark skinned patients.



#### TANNED SKIN

SHR™ affects the melanin of the skin using a unique method, allowing the procedure to be performed anytime of the year as well as on tanned skin. Furthermore, sun exposure is less traumatic to the skin following SHR treatment.



#### FULL COVERAGE RATE

During SHR™ treatment, energy is applied over a large grid- not just the region of the hair follicle. In-Motion™ technique collectively heats up and damages the hair follicles within the grid, ensuring full coverage and dramatically improving treatment results.



# Alma Sopranoice System Benefits

10 years of clinically proven effectiveness

Soprano is FDA cleared for skin types I-VI and tanned skin

Intuitive and user friendly 12" color touch screen with pre-set parameters

Easy to operate

No consumables

Adjustable grid size

