

# Sopranoice 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.



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# Sopranoice Pretty.Cool.

## THE COMPLETE SOLUTION FOR LASER HAIR REMOVAL

Virtually painless

Proven safety record

All skin types,  
even tanned skin





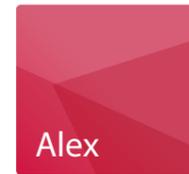
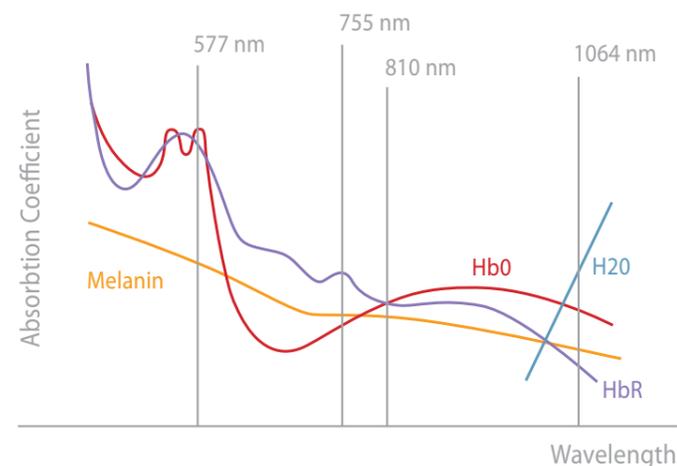
## AN ALL IN ONE, MULTI PACKAGE

Sopranoice

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

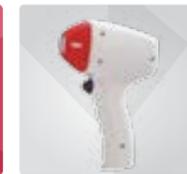
By incorporating multiple laser wavelengths and technologies, Soprano ICE allows practitioners to treat the widest range of patients and hair types all year round, administer treatments quickly and comfortably and achieve the best possible clinical results.

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.



Alex

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



### DIODE LASER ALEX TECHNOLOGY

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.



Speed™

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.



Compact Applicator

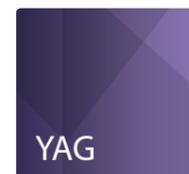
Specifications:  
Diode, 810 nm, Spot Size 12x10 mm, up to 10 Hz



### COMPACT APPLICATOR

Versatile treatment methods

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



YAG

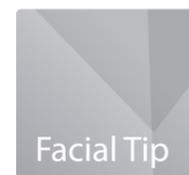
Specifications:  
Diode, 1064 nm, Spot Size 12x10 mm, up to 10 Hz



### DIODE LASER YAG TECHNOLOGY

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.



Facial Tip

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.



ICE™ Tech



### 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.

# DUAL MODE: SHR™ & HR MODES

Soprano<sup>ice</sup> offers you both In-motion™ and stationary treatments methods to accommodate the varying needs of your practice.



## SHR™ BY ALMA LASERS

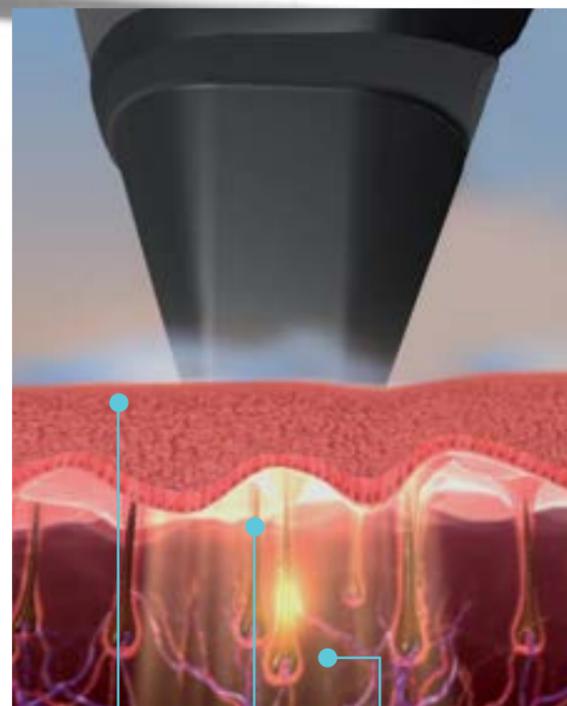
SHR is Alma Laser's proprietary hair removal method used in clinics around the world with global brand recognition.

### 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.

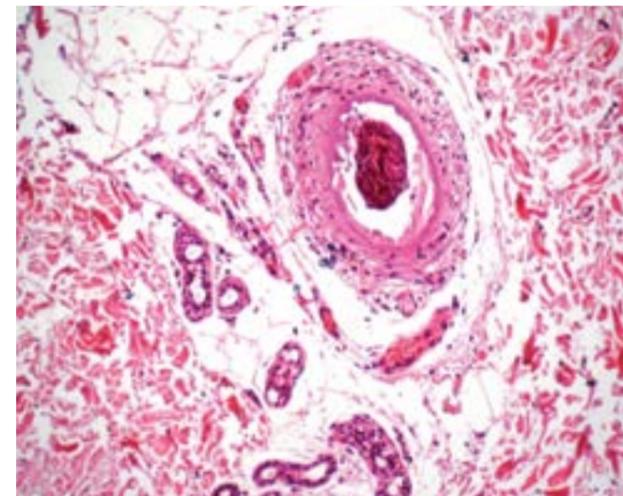
A **high repetition rate** of **short pulses** are delivered deep into the dermis, achieving **high average power** and therapeutically effective heat build-up, with virtually no pain.

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.

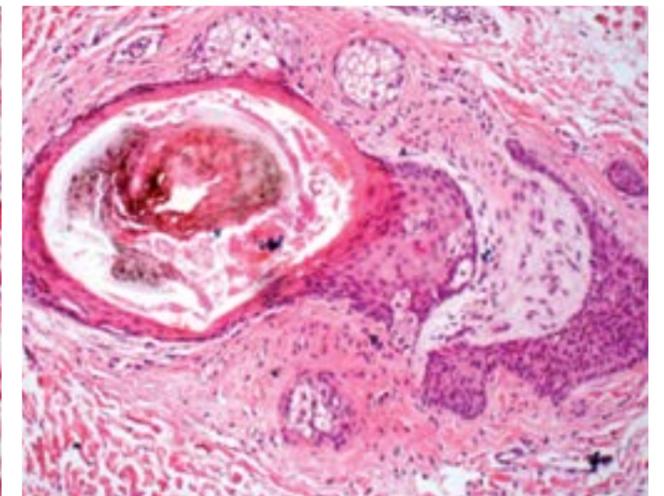


Epidermis ~25°C with cooling | Dermis ~45°C | Hair Follicle ~50°C during SHR procedure

## Post SHR Histologies



Coagulative necrosis and shrinkage of the central components of the hair follicle



Epithelial thinning and dilation

Histologies courtesy of Dr. Tania Meneghel, São Paulo, Brazil



### 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.

## CLINICAL STUDIES

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

"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. In addition, little to no prolonged epidermal effects such as redness and inflammation of epidermis, and no downtime before (no topical anesthesia) or after treatment makes the SHR more comfortable and safer than traditional laser systems."

*White Paper by Dr. Tania Meneghel, Renaissance Clinic, São Paulo, Brazil*

"SHR is virtually not painful due to the excellent isolation of the thermal effects in the tissue surrounding the follicle. The use of low fluences and relatively short pulses with high repetition frequency, together with a skin surface aircooling, result in a well-tolerated treatment by patients, particularly those with dark phototypes"

*White Paper by Dr. Fernando Urdiales, Miramar Instituto Medico, Málaga, Spain*

"Treatment with SHR is considerably less painful than with the Lightsheer. Both diode lasers produced long-term hair reduction in excess of 90%... Rapid pulse, constant motion with the low fluence diode laser represents an advance in safety, efficiency and tolerability of laser hair removal treatment."

*Peer reviewed article by Dr. Martin Braun, Vancouver Laser and Skin, Vancouver, Canada*

"Treatment with SHR is considerably less painful than with the Lightsheer."

*Long-term clinical study by Dr. Christopher Zachary, Department Chair, University of California, Irvine, USA*

## WHAT THE EXPERTS ARE SAYING



MARTIN BRAUN, MD

*Vancouver Laser Center, Vancouver, BC, Canada*

"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."



FERNANDO URDIALES, MD

*Director of Miramar Medical Institute, Malaga, Spain*

"**Soprano SHR** has revolutionized medical photoepilation, contributing longer lasting and better results compared to conventional technologies. 'IN-Motion' treatment, applying low fluences 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."



PATRICK BOWLER, MS.BS

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

"Pain-free isn't the only innovation, of course. **Soprano** also has the fastest coverage rate in the industry, 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 lets face it - men are not very good with pain! Treatment is also quick and results rapid and this is very appealing to male clients."



TANIA MENEGHEL, MD, DERMATOLOGIST

*Renaissance Clinic, São Paulo, Brazil*

"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."



CHRISTOPHER ZACHARY, MD

*Department Chair, University of California, Irvine, USA*

"There is significantly less pain using **Soprano SHR** compared to the Duet."



# Alma Sopranoice System Benefits

7 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

