

# Master your craft with Alma Hybrid



OFFER YOUR PATIENTS THE PERSONALISED SKIN REJUVENATION TREATMENTS THEY DESIRE WITH ALMA HYBRID, A FIRST-OF-ITS-KIND LASER PLATFORM WITH AN UNPRECEDENTED RANGE OF ABLATIVE, NON-ABLATIVE AND THERMAL TREATMENTS.

“ALMA HYBRID IS A LEAP FORWARD IN THE PERSONALISATION OF LASER TREATMENTS, WITH ENDLESS OPTIONS OF ABLATIVE, NON-ABLATIVE AND THERMAL TREATMENTS FOR SKIN REJUVENATION.”

**A**lma Hybrid represents a completely new concept in laser skin resurfacing and scar revision. It is the first device of its kind to combine the power of three core energies – ablative CO<sub>2</sub> laser, non-ablative 1570nm laser and IMPACT ultrasound technology for trans-epidermal delivery. The result is unprecedented flexibility and customisation, exceptional results and reduced downtime.

Alma Hybrid is a leap forward in the personalisation of laser treatments, with endless options of ablative, non-ablative and thermal treatments for skin rejuvenation. It is the first laser to simultaneously deliver ablative fractionated CO<sub>2</sub> and non-ablative 1570 erbium laser, offering best-in-class results with less discomfort and downtime compared with similar skin resurfacing technologies.

In addition, the platform has a

unique ultrasonic handpiece for its proprietary IMPACT trans-epidermal delivery system, which offers a pioneering approach to topical drug absorption.

## HyGrid: the future of personalised laser treatment

The patented HyGrid mode gives the benefit of both the CO<sub>2</sub> and 1570nm lasers in one applicator, enabling you to custom-program the optimal ablation/non-ablation ratio in a matrix of the precise proportions required to meet the unique treatment needs of each and every patient.

With both laser wavelengths having their own optimal effect on the skin, side by side, treatments are highly effective, suitable for darker skin types and with a low ablation density that minimises downtime.

## What practitioners are saying about Alma Hybrid



**Prof Greg Goodman AM**  
Dermatologist

Alma Hybrid's ability to alter many parameters to maximise outcomes is impressive, and the sonophoresis and laser-assisted drug delivery allows for greater efficacy from the machine and better results.

My patients have been very happy to return for repeat treatments. The procedure itself is well tolerated and the recovery and downtime are very patient-friendly. Alma Hybrid is easy to use, offering relatively quick treatments with good patient satisfaction.



**BEFORE**



**AFTER treatment**  
Courtesy of Prof Greg Goodman.



**BEFORE**



**AFTER treatment**  
Courtesy of Prof Greg Goodman.



**Dr Davin Lim**  
Dermatologist,  
Brisbane

The Hybrid is the future of lasers, combining two wavelengths in the one device: CO<sub>2</sub>, the gold standard in collagen remodelling; and a non-ablative wavelength that can penetrate to the deeper levels of skin, whilst still preserving the upper layers of skin which allows for faster recovery.

Alma Hybrid offers custom delivery of laser wavelengths, power and density, allowing for thousands of variations and enabling the operator to tune the laser for each patient. It also has pre-sets, enabling fast acquisition of treatment parameters if so required.

Patient feedback has been nothing short of excellent. The Hybrid is next-level laser resurfacing. The speed of laser delivery, comfort levels and, importantly, results have made this laser one of the most utilised devices for both myself, other dermatologists, and our clinical team of nurses.



**BEFORE**



**AFTER treatment**  
Courtesy of Dr Davin Lim.



**BEFORE**



**AFTER treatment**  
Courtesy of Dr Davin Lim.

## PRODUCTS & SERVICES



**Dr John Sullivan**  
Dermatologist, Sydney

The ability to combine CO<sub>2</sub> through the same spot and/or alternate treatment beams of ablative and non-ablative laser has seen good clinical benefits but also is associated with a less eventful recovery period compared with traditional CO<sub>2</sub> or ablative laser.

The IMPACT trans-epidermal delivery (TED) handpiece has further enhanced our photodynamic therapy outcome for treating precancerous skin damage. We routinely use laser-assisted delivery for this treatment and the IMPACT handpiece achieves more even and greater photophore skin absorption and activation.

The TED component makes us think about what we can do each time to either enhance outcomes or speed or assist our patients' recovery from their treatments. This is an exciting area of change in dermatology to help us achieve better outcomes and also improve and expedite recovery.

So far, feedback has been positive for a range of treatment indications – from photoageing to acne scar treatment and precancerous actinic damage. Tolerance of treatment and recovery have been a plus, particularly for those who have had ablative laser treatments in the past. **AMP**



**BEFORE**



**AFTER treatment on neck**  
Courtesy of Dr Sullivan. (Captured with Vectra H1 3d Imaging)



**BEFORE**



**AFTER treatment**  
Courtesy of Dr Sullivan.

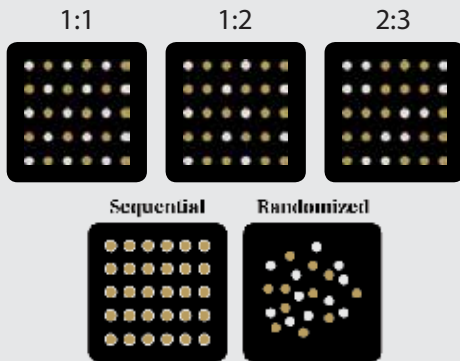


“THIS IS AN EXCITING AREA OF CHANGE IN DERMATOLOGY TO HELP US ACHIEVE BETTER OUTCOMES AND ALSO IMPROVE AND EXPEDITE RECOVERY.”

# The Alma Hybrid Advantage

## 1. Patented Hygrid mode

Customisable and versatile combination of 10,600nm and 1570nm wavelengths for an effective treatment with reduced downtime and excellent safety profile.

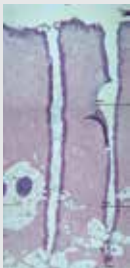


Examples of custom lasing ratios

● -1570 laser ● - CO<sub>2</sub> laser

## 2. Gold standard

4mm penetration depth for ultimate scar revision.



Parameters: CO<sub>2</sub>: 60W,  
4msec 1570: 6W, 1msec

## 3. iTED technology

Patented ultrasound technology (IMPACT) for transepidermal delivery to enhance absorption of cosmeceuticals.



ALA + iPixel CO<sub>2</sub>  
Laser ONLY – low  
porphyrin distribution



ALA + iPixel CO<sub>2</sub>  
Laser + IMPACT – high  
porphyrin distribution

Photos depicts fluorescence microscopy of iPixel CO<sub>2</sub> laser microscopic single ablative channel. Courtesy: Jill Waibel, MD, Miami Dermatology and Laser Institute. Carlos Nousari, MD, Institute for Immunofluorescence Miami, USA

## 4. Treatment versatility

Offers ablative, non-ablative, and combination technology for customised skin rejuvenation, skin resurfacing, pigmentation, scar revision and precise surgical procedures.

## 5. Maximised workflow

Smart enhanced optics reduce the need to change applicators.

## 6. High quality

Designed with the practitioner and patient in mind using only the highest quality material.

## Hybrid Awards



IDA Design Awards  
Bronze Winner (2021)



European Product Design  
Award Winner (2021)



AMWC Aesthetic Medicine  
Awards (2022)

For more information on Alma Hybrid, contact Alma Lasers Australia on 02 8339 4791 or visit [alma-lasers.com.au](http://alma-lasers.com.au)





# Become the next **Alma Hybrid Expert**



Scan here to join Alma's team  
of Craft Masters now and take  
the Alma Hybrid to your clinic.



Professor  
**Greg Goodman**



Doctor  
**John Sullivan**



Doctor  
**Saleem Loghdey**



Doctor  
**Natasha Cook**



Doctor  
**Davin Lim**



The Alma Lasers Australia's team of selected doctors share their knowledge and  
experience on the Alma Hybrid, helping the Australian Dermatology community to grow.