

ULTRA PULSE - CO2 LASER – UNIQUE TOOL IN DOCTOR’S HANDS

The explosion of laser technology over the past 10 to 15 years, has provided the medical profession with miraculous tools and treatment options.

God given imperfection on the face and body or imperfection referring with ageing process and sun damage - now we can treat – with amazing, sophisticate, absolutely new on the medical field, highest technology ULTRA PULSE - CO2 LASER.

Why this laser is exception and why is becoming one of the most popular around the World? The most important for the lasers is “ dermal relaxation time”. Time of expose or time of impulse, should be shorter ten time require cooling down the serenading tissue. For the ULTRA PULSE - CO 2 LASER – is one on the shorter on the market only 0,01 second. This technology allows provide wide range for cosmetic-surgical application.



It is truly portable, very light, extremely robust and can be hand-carried without difficulty. A truly multi-disciplinary system, very affordable, cost-effective for the wide range of surgical applications, designed with clinics, outpatients' clinics and private consultation rooms in mind.

The CO2 laser beam is the only laser beam which is entirely absorbed by the water. It seals off blood vessels, lymph vessels and nerve endings as the laser incises providing clear, dry view of

the operative field. Working with a clear field reduces the time required for many procedures. Visualisation is further improved since colourless safety lenses are best-suited for eye protection against radiation of 10600nm wavelength.

The operations with CO2 laser reduce blood loss to enhance infection control. The laser radiation can heat the surface of tissue to temperatures that can kill bacteria allowing sterilisation of the surgical site and minimising post-operative infection.

The post-surgical course is less painful and haemorrhage-free. The ULTRA PULSE - CO2 LASER - works without traumatising surrounding or underlying tissue, so patients have minimal oedema, and report an absence of pain in most cases. The small spot size and minimal absorption depth allows CO2 laser to provide an exceptional level of precision.

With proper selection of power and delivery mode it is possible to cut tissue or to remove a single layer of cells!!!

The laser can quickly and accurately cut, vaporise and coagulate tissue, allowing the user precise control to achieve desired results.

Applications:

CO2 laser is the answer to medicine's continuing search for surgical alternatives that are minimally invasive and less traumatic to the patient. Features, clinical performance and a wide range of accessories make the CO2 laser versatile and affordable tool for clinic and private offices. The CTL-1401 meets clinical needs in these new environments in a multitude of applications in dermatology and aesthetic surgery.

Dermatology- spider veins, couperose, burns and decubitus ulcers, condyloma acuminata, periungual warts, epidermal nevus, face coccus, lymphangioma, neurofibroma, nodule amyloidosis, sebaceous cystomas, epithelioma, hidradenoma, sebaceous adenoma, capillary nevus, senile hemangioma, vascular coccus, hypertrophic scar, acne keloid, melanoma.

Aesthetic surgery- dermabrasion for post-acne scars and superficial wrinkles, hair transplantation, excision of basal cell carcinoma, vaporization of rhinophyma, tattoo removal, blepharoplasty, lipectomies, moles, skin tags, ppp, spider veins and cherry spots, hyperkeratosis, age and liver spots, plantar warts.