

LASER AND LIGHT Therapy Programme

Theory only

The use of laser and light therapy devices in the aesthetic industry.

Devices using light, including lasers and IPL, are widely used by specialists in the field of aesthetics. The ageing society, technological progress and a growing awareness of these treatments are all factors that have increased the market growth of laser and light therapy treatments. According to statistics, the global market for aesthetic lasers will reach 1 293 million USD by 2022, which is a 14.3% increase in the period from 2016 to 2022.

The most popular treatments are photo rejuvenation, including pigmentation, redness and wrinkles using LED and laser devices followed by laser hair reduction treatments using diode lasers, Alexandrite and Nd:Yag lasers as well as IPL devices.

The growth and increase in popularity of these treatments has put the spotlight on the regulations and safety of the use of these devices, including the qualifications of therapists performing these treatments.

For an IPL or laser treatment to be effective and safe, three primary variables are necessary: proper quality equipment, well-qualified specialist, good individual patient response.

Good individual patient responses

can be pre-determined by conducting a comprehensive patient consultation prior to performing a treatment. This should include a detailed medical history to identify contra-indications and indications to the procedure, a history of skincare and product use and most importantly identifying the patients photo type. Conducting a patch-test prior to the actual procedure to identify how the patient's skin will react to the treatment is crucial to limit possible complications. Side effects do occur, even if properly prepared and performed and it is therefore important to inform the patient about all possible complications. At this stage it is important to manage your patient's expectations and sign a voluntary consent form.

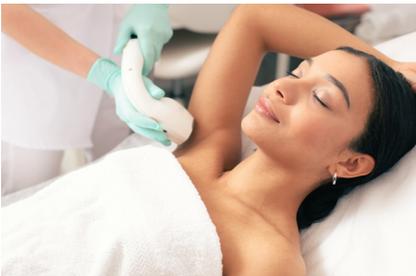
Qualifications and training are becoming increasingly important in this growing market. Patients rely on therapists to perform safe and effective treatments, and seldomly ask for credentials when it comes to training in the specific laser and light therapy modalities. A research study by Thomas (2018) on The qualification and training of laser hair removal operators within South Africa, has shown that 72.22% of tertiary institutions who offers Somatology training offers no laser

hair removal training. Out of those who do offer hair removal training, 20% do not offer the practical application. Therapists are largely relying on training conducted by the companies who supply these machines or conduct internal training on the use of the machine. In reality however, the study showed that 42.86% of therapists working with laser and light therapy technology were not trained and had no experience in laser treatments yet were performing treatments in the clinics.

In an industry where, at this stage, no formal legislation exist preventing anyone from performing these treatment modalities (even without any training), ensuring you are properly trained to perform these treatments are paramount. The right training in laser and light therapies will provide you with vital training of the available technologies, safe protocols and user techniques that are paramount for effective outcomes of treatments. Having certified training will protect yourself and your patients by applying safe and effective treatment param-

eters. It will also provide you with a generic understanding of the various laser and light therapy devices available in the industry, allowing you to make informed decisions when investing in technology.

For more information visit the Isa Carstens Academy's website or call our **Pretoria Campus** on 012-348-0125 or **Stellenbosch Campus** on 021-883-9777.



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Comprehensive theory and practical . R7 000

PURCHASING A LASER MACHINE? FORMALISE YOUR LASER EDUCATION IN 4 WEEKS.

- Become insurance compliant
- Protect yourself from public liability
- Great addition to your CV

Learn the application, science and physics behind laser and light technologies to protect yourself and your clients by applying safe and effective treatment parameters. Get certified by a credible private training institute, provider and registered with the Department of Higher Education.

WHO SHOULD DO THIS COURSE?

Industry practitioners, managers and operators of laser machines within the wellness industry, looking to formalise their training to deliver excellence to their clients.

TOPICS COVERED:

- In-depth knowledge of the structures and functioning of the skin.
- Understand the science and physics behind laser and light technologies.
- An in-depth understanding of the physiological tissue interactions when laser and light technologies are applied to the skin.
- Form a generic understanding of the various laser and light therapy devices available in the industry, allowing you to make informed decisions when investing in the technology.
- Safe protocols and user techniques that are paramount for effective outcomes.
- Confidence in using the technology to be workplace ready immediately to ensure operational success of your business.
- Laser and light therapies covered include: Lasers used in the aesthetic industry, Intense Pulsed Light, Light Emitting Diodes, Radio Frequency.
- Treatment of Vascular concerns, Hair Removal, Facial Rejuvenation, Body Sculpting and Cellulite, Tattoo Removal and Pigmentation.
- Practical training on all included machines over a 5 day period.

ADMISSION CRITERIA

Qualified therapists, 3rd year Somatology students, therapists working in the industry or non-qualified individuals with extensive industry experience. Owners or managers of aesthetic practices.

DELIVERY

Part 1: Foundational knowledge in online learning only. You will cover various steps to complete this part of the programme.

Part 2: Practical applications. A 5-day contact class session, conducted at the Stellenbosch and Pretoria campuses upon successful completion of Part 1.

Part 3: Summative Exams. Completed portfolio of evidence submitted online.

SPECIAL OFFERS AVAILABLE

Should you qualify for these offers, please enquire by email to receive your unique quotation:

- 3rd Year isa Somatology students – less 40% from 2021, when completed during your 3rd year of studies.
- Isa Alumni – get the comprehensive course for less 15%, from R7000 reduced to R5950.
- Group bookings at spa's and medical aesthetic practices - comprehensive training and in-salon practical sessions, from R5600 for up to 2 therapists, and R 13 300 for up to 4 therapists.
- Laser and Light suppliers – optimise service delivery by giving clients access to the theory module when machines are purchased.

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