



# The Medical Power of Light

## Laser Hyperhidrosis Treatment

A minimally invasive solution for excessive sweating

- A permanent solution for axillary hyperhidrosis
- One hour procedure under local anesthesia
- Safe, fast and effective
- Selective targeting of only the skin tissue that needs to be removed
- High success rate and patient satisfaction

# 1 2 3



Step 1: LOCATE - iodine starch test



Step 2: IRRADIATE the sweat glands



Step 3: REMOVE the destroyed glands

Courtesy of dr. Malefic

## What is Laser Hyperhidrosis Treatment?

Laser axillary hyperhidrosis treatment is a safe, minimally invasive, effective solution for permanently destroying sweat glands.

The treatment is performed with a 1064 nm Nd:YAG laser. Laser treatments are among the least invasive of all surgical techniques; scarring and patient immobilization are not a concern.

## How does Laser Hyperhidrosis Treatment work?

Laser light is used to permanently destroy axillary sweat glands by photoselectively heating sweat gland tissue without damaging any surrounding tissue. The procedure is performed under local anesthetic and is finished in less than an hour. The general steps of the treatment are as follows:

**Step 1 - LOCATE:** Before the operation, the underarms are coated with iodine and starch is used to identify the precise location of the sweat glands.

**Step 2 - IRRADIATE:** A 3 mm incision is made through which a cannula with an optical fiber is passed. Through this optical fiber a QCW 1064 nm Nd:YAG laser beam is fired. This beam destroys the sweat glands.

**Step 3 - REMOVE:** A grating cannula is used to remove the destroyed glands.

## Why is the SP Dynamis perfect for Laser Hyperhidrosis Treatment?

The power used in Laser Hyperhidrosis Treatment is up to 20 W. In order to ensure maximum selectivity during treatment, the SP Dynamis features a special QCW mode in which localized spikes reach power levels in the kW range. This enhances the selective effect of the laser when targeting the tissue and ensures speed, efficiency and safety in surgical procedures. Treatments are therefore less invasive and the treated area heals faster. The user-interface is designed from a surgeon's perspective, offering a full view of all treatment parameters on one screen. At the touch of a button, the SP Dynamis accommodates laser parameters to the application, providing unrivalled convenience.

## Advantages of Laser Hyperhidrosis Treatment for You and Your Patients

A growing number of doctors consider the Nd:YAG laser to be the treatment of choice for hyperhidrosis, especially when the simplicity and speed of the procedure, as well as the minimal risk of complications, are taken into consideration.

The whole operation takes about one hour, and patients can return to their normal activities within a few hours of treatment, leading to a full recovery within four to seven days. Because the procedure is performed through a small incision, it doesn't leave any scarring.

## Getting started with Laser Hyperhidrosis Treatment

Success comes from a synergy between the experience and knowledge of the practitioner and the technical excellence of their equipment. Training in Laser Hyperhidrosis Treatment is provided through Fotona's partnership with the Laser and Health Academy, where participants cover basic laser physics and gain an in-depth understanding of laser-tissue interaction. Live demonstrations give participants an insight in Laser Hyperhidrosis Treatment and other surgical procedures that can be performed with the SP Dynamis laser.



Iodine-starch test before laser treatment



Iodine-starch test after 12 months

Courtesy of dr. Malefic

To learn more about **Laser Hyperhidrosis Treatment** and what the SP Dynamis can do for your practice contact **Fotona** at [info@fotona.com](mailto:info@fotona.com) today.