

# One-Time Laser Procedure for Ablation of Axillary Sweat Glands

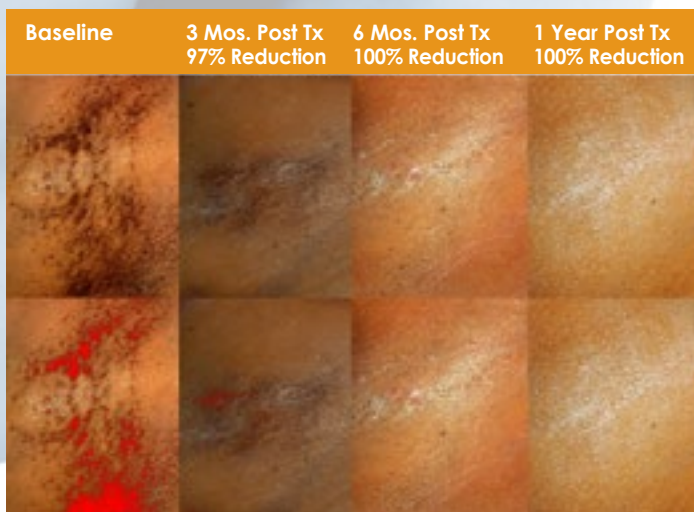
Excessive axillary sweating is a condition that affects 4 million people in the US.<sup>1</sup>

- **One-time, one hour, minimally invasive office-based procedure**
- **Patients are seeking alternatives to expensive toxins and other repetitive treatments**

**The recent study conducted by Dr. Caplin of sweat gland ablation showed:<sup>2</sup>**

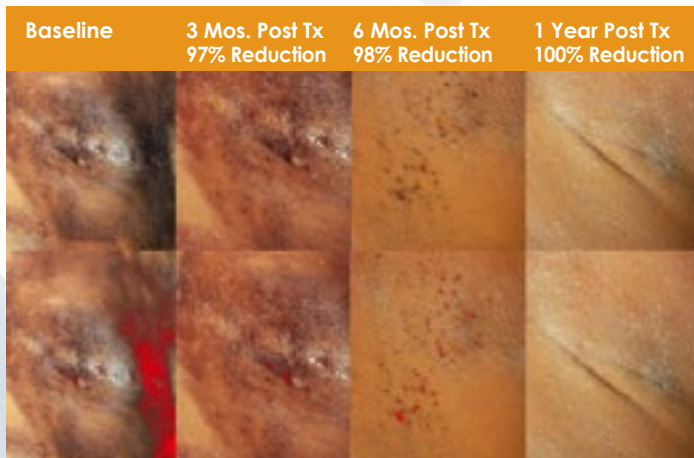
- **80% of study patients noticed reduction in sweat within 2 days after procedure<sup>2</sup>**
- **All study patients noticed reduction in sweat within 2 weeks after procedure<sup>2</sup>**
- **Up to 100% improvement in sweat reduction 12 months post procedure<sup>2</sup>**
- **High satisfaction rate**

Right Axilla



Photos courtesy of D. Caplin, MD

Left Axilla



Photos courtesy of D. Caplin, MD

Digital imaging software analysis<sup>3</sup> was used to quantify the calculation of sweat reduction in excessive sweat areas. Dark areas on study patient indicate the area and location of sweat glands, the red area indicates the digital markings of the excess sweat at baseline, and post 3, 6 and 12 months.<sup>2</sup>

**“THE PATIENTS THINK THIS IS A TRULY TRANSFORMATIONAL PROCEDURE. I REALLY ENJOY PERFORMING IT BECAUSE THE PATIENTS ARE SO RECEPTIVE WHEN YOU TELL THEM ABOUT IT AND THE OUTCOMES HAVE BEEN SO GOOD.”**

**DR. DAVID CAPLIN,**  
 PARKCREST PLASTIC SURGERY, ST. LOUIS, MO

## Cutting Edge Technology

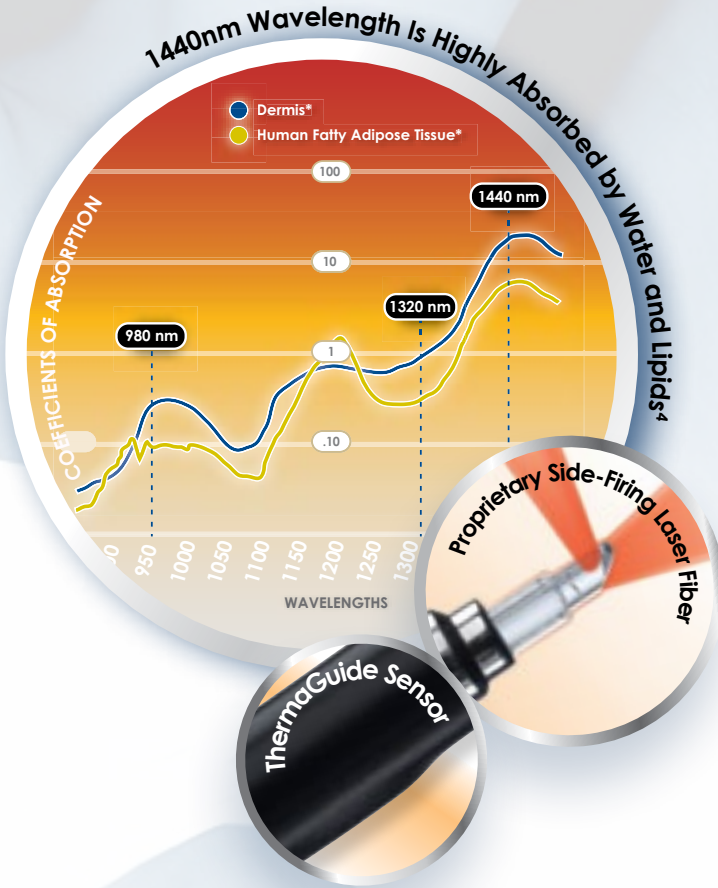
Using the Nd:YAG 1440nm wavelength, Cynosure's proprietary SideLaze800™ side-firing fiber and ThermoGuide™ technology, laser energy is delivered subcutaneously to the subdermal layer of the axilla to ablate the sweat glands.

“THERE ARE FEW PROCEDURES THAT HAVE A PATIENT SATISFACTION INDEX AS HIGH AS WHAT WE HAVE SEEN IN THE PATIENTS WHO HAVE RESPONDED TO THIS TECHNIQUE. IT IS SOMETHING THAT I WOULD REALLY ENCOURAGE YOU TO CONSIDER INCORPORATING INTO YOUR PRACTICE.”

**DR. DAVID CAPLIN,**  
PARKCREST PLASTIC SURGERY, ST. LOUIS, MO

## Add This New Technology to Your Practice!

Please contact your Cynosure Surgical Laser Consultant at **800.886.2966** or visit **www.cynosure.com**.



## References:

- 1 Center for Disease Control and Prevention, 2013
- 2 Caplin, David MD.: "Clinical evaluation and quantitative analysis of axillary hyperhidrosis treated with a unique targeted laser energy delivery method with 1 year follow up;"ASLMS 2013 Poster, 15 patient study. Data on file.
- 3 Image J Software, <http://imagej.nih.gov/ij>
- 4 JLevi JR, Veerappan A, Chen B, Mirkov M, Sierra R, Spiegel JH. "Histologic Evaluation of Laser Lipolysis Comparing Continuous Wave vs Pulsed Lasers," *Arch Facial Plast Surg.* 2011;13(1):41-50

\* Estimated absorption based on main chromophores in tissue: Dermis contains approximately 70% water. Human fatty adipose tissue contains approximately 75% of lipid and 20% water. (Duck 1990, "Physical Properties of Tissue," pp.320-328 London: Academic Press).