

# Gravimetric Analysis of Hyperhidrosis Treatment Using the Nd:YAG 1440nm Laser with a 800µ Side-Firing Fiber

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## Study Design:

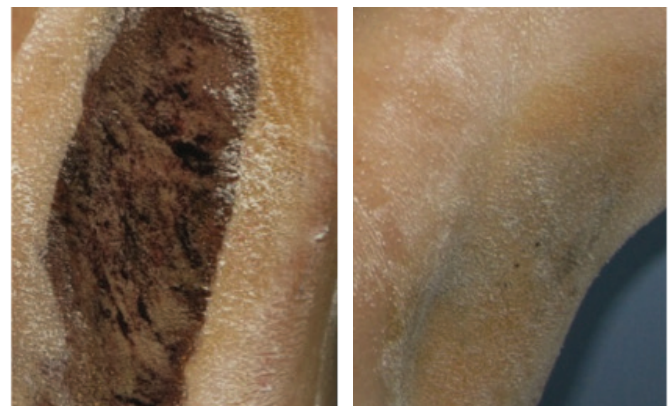
- 13 Subjects
- 12 women and 1 male
- Average age: 31.4
- All presenting with a score of 3 or greater on the HDSS scale (Hyperhidrosis Disease Severity Scale) pretreatment
- Follow ups at 3, 6 and 12 months
- Gravimetric measurements, starch Iodine test and pictures(digital image software analysis) were performed

## Results:

- All subjects had an average improvement of 3.1 (corresponding to: underarm sweating "is intolerable" to "barely noticeable") on the HDSS scale (Hyperhidrosis Disease Severity Scale) at follow up
- Gravimetric measurements showed an improvement of 81.2% in the reduction of sweat
- 81% of the Subjects were satisfied
- Side effects reported after treatment included numbness and swelling which subsided 1 week (average) from onset

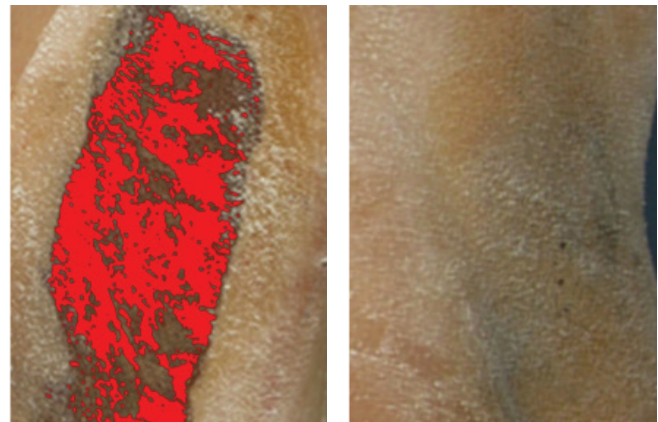
## Conclusion:

Minimally invasive treatment with a 1440nm Nd:YAG laser, side-firing fiber is an effective and safe option for the treatment of Primary Focal Axillary Hyperhidrosis.



Pre-Treatment

6 Months Post Treatment



Pre-Treatment

6 Months Post, 100% Improvement