

Clinical Bulletin July 2020

Dear InMode Customer,

Excessive sweating, specifically in the axilla, can be devastating, leading to social embarrassment, as well as occupational, physical and psychological distress<sup>1</sup>. Morpheus8 is a fractional RF device with programmable penetration depth and energy delivery. The applicator is intended for use in dermatological and surgical procedures for electrocoagulation and homeostasis. The coated 24 needles can penetrate into the various levels of dermis and subcutis, where sweat glands coils are localized<sup>2</sup>, coagulating the tissue and causing irreversible thermolysis of the glands structure.

There are a few physicians who reported sweat reduction after Inmode Fractional RF treatment. The 24 coated pins tip with depth of 2-3 mm was used to address the problem in the **axillae**. A Case Report by Dr. Judith Hellman from NY, USA has been released and can be found in InMode Resources. Similar feedback was reported by other physicians.

With the release of the Morpheus8 handpiece, the ability to treat multiple layer of subdermal tissue, provides an outstanding chance to address not only the superficial eccrine glands, responsible for sweating, but also the deep apocrine ones, responsible for the odor, in a multilayer sub-dermal pattern.

The following treatment protocol can be used:

- Iodine starch test is performed before each treatment to quantify the changes in sweating.
- Treatment area numbing is delivered by EMLA, Zimmer air cooling and an analgesic gas, such as nitrogen-oxide (Pronox), as needed. Opioids such as Vicodin and/or Valium may be added, if needed. Alternatively, nerve block or tumescent may be applied
- After adequate numbing has been achieved, treatment with 24-pin tip of Morpheus8 may start.
- Energy Levels around 30 - 50 (as tolerable and according to anesthesia used), stacking can be used if tolerated by patient, up to 3 passes (one pass at each depth) – 3 and 2 mm are conducted. DO NOT use 1 or 4mm depth.
- In subsequent sessions, energy may be increased by 5 Energy Levels, as tolerable.
- 3 sessions, 4 weeks apart

<sup>1</sup> Kamudoni, P et al. "The impact of hyperhidrosis on patients' daily life and quality of life: a qualitative investigation." Health and quality of life outcomes vol. 15,1 121. 8 Jun. 2017, doi:10.1186/s12955-017-0693-x

<sup>2</sup> Baker, Lindsay B. "Physiology of sweat gland function: The roles of sweating and sweat composition in human health." Temperature (Austin, Tex.) vol. 6,3 211-259. 17 Jul. 2019, doi:10.1080/23328940.2019.1632145

**More tips are in R&D pipeline for Morpheus8. For the most updated Quick Reference Guide and Operator Manual please visit our InMode Resource Center at <http://inmoderesources.com/>**

**We are committed to providing you with the latest innovations in the industry and we can't wait to hear what you think. If you have any questions or concerns, please do not hesitate to contact us**

**Sincerely,**

**The InMode Clinical Team**

---

T: {855} 411 2639 | F: {855} 411 6789 | W: INMODEMD.COM

---

