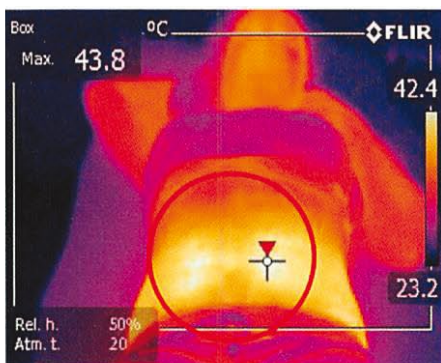


PRELIMINARY DEMONSTRATION USING LOCALIZED SKIN TEMPERATURE ELEVATION AS OBSERVED WITH THERMAL IMAGING AS AN INDICATOR OF FAT-SPECIFIC ABSORPTION DURING FOCUSED-FIELD RADIOFREQUENCY THERAPY

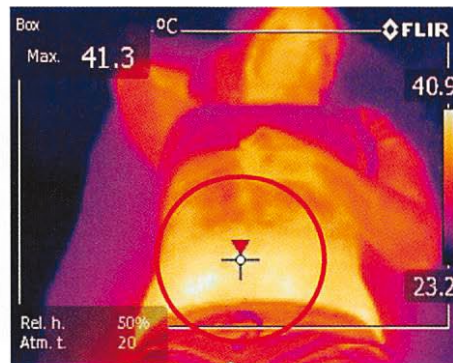
July 2014 | Volume 13 | Issue 7 | Case Report | 864 | Copyright © 2014
Douglas J. Key MD
J Drugs Dermatol. 2014;13(7):864-866.

HIGHLIGHTS

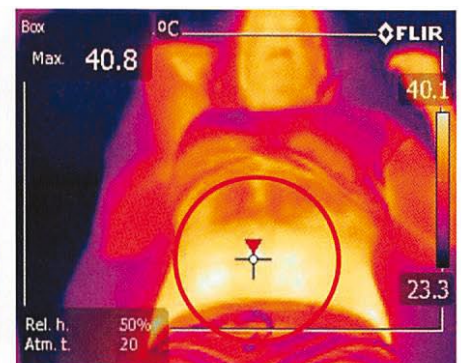
- Clinical study **proving the heating selectivity** of BTL VANQUISH ME™'s focused radiofrequency field, thus validating its mechanism of action.
- 5 subjects received one 45-minute treatment. Full treatment field **thermal camera imaging** was captured at 15, 30 and 45 minutes into active treatment.
- Thermal camera imaging proves **homogenous thermal profile** of the treated area during the entire treatment. Return to baseline temperatures occurred within 2 minutes after treatment completion.
- Peak **temperature elevations** reached between 41°C to 43.9°C **corresponding anatomically to the areas of greatest fat excess**. This demonstrates that the heat is primarily generated in subcutaneous adipose tissue while temperature in adjacent tissues is not significantly elevated.



15 minutes



30 minutes



45 minutes

Patient 4. Photos taken at 15 minutes, 30 minutes and 45 minutes treatment.

BTL_Vanquish_ME_CLIN_Jdd-1407_EN100