

Clinical Evaluation of Fat Reduction Treatment of the Flanks and Abdomen with a Non-invasive 1060nm Diode Laser: A Multicenter Study

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Study Design:

- Thirty-five subjects were enrolled for a customized treatment plan of up to 3 treatment sessions (6-12 week intervals) on the abdomen and/or flanks.

Evaluation:

- Blinded evaluation of before and after photographs was performed by three independent assessors.
- Patient discomfort was recorded using a 10 point scale (zero equals no pain).
- Patient satisfaction was recorded at 12 weeks post-treatment.

Results:

- Mean patient discomfort score was recorded at 3.6 out of 10 (mild on pain scale).
- 95% of patients rated they were satisfied.
- Blinded evaluators could identify a visual improvement in contour with a high degree of accuracy (93%).
- No side effects other than tenderness were recorded.

	Grader 1	Grader 2	Grader 3
# of Photos	32	32	32
# Correctly Identified	30	31	28
% Correctly Identified	94%	97%	88%

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BEFORE



AFTER



Courtesy of Dr. Robert Weiss

Six weeks post 1 Tx, flanks and abdomen

BEFORE



AFTER



Courtesy of Dr. Robert Weiss

Six weeks post 2 Tx, flanks and abdomen

BEFORE



AFTER



Courtesy of Dr. Robert Weiss

Six weeks post 2 Tx, flanks and abdomen

Conclusion:

- The novel 1060nm diode laser successfully contoured abdominal and flank fat with minimal discomfort and no adverse events.