

# VELOCE INTENSE PULSED DOUBLE LIGHT FOR ACTIVE ACNE, POST-ACNE SCARS, AND SKIN LIFTING

**Elżbieta Zielińska, MD, explains why Veloce's device has been proven to be an effective treatment for active acne, post-acne scars, and skin lifting**



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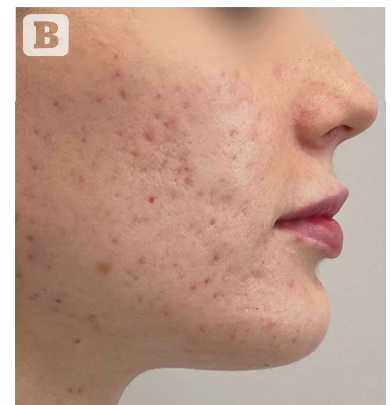
**V**ELOCE WAS USED to treat 9 patients, addressing active acne, post-acne scars, and loss of skin tightness through the use of intense pulsed double light. Each patient received treatment in a designated area, with the first treatment being the same for all patients. Throughout the tests, the patients' skin reactions, recovery time, and treatment effects were closely monitored and observed.

VELOCE uses the Square Pulse technology, producing fast pulses through a double tube, emitting up to 320 homogeneous pulses continuously for a maximum of 16 seconds. This technology allows for the treatment of various indications.

## Treatment

During the research, the NT-800 filter was primarily used for acne treatment and skin tightening, which heats collagen fibres with high light energy, leading to their contraction and improvement of skin texture. This technology also stimulates dermal fibroblasts' synthesis of proteins in the extracellular matrix, partially restoring lost dermal volume due to ageing.

For patients with active acne, the study applied pulsating light with parameters of 120 IU and filters 420-5J and 100 ms, destroying the blood vessels supplying sebaceous glands, reducing sebum production, and destroying Propionibacterium acnes. The treatment also stimulated the formation of free oxygen radicals



**Figure 1** VELOCE treatment resulted in fading of acne and clear thickening, tension, and lifting of the skin. (A) Before, (B) after.

through the absorption of porphyrins produced by Propionibacterium acnes, resulting in a bactericidal effect and destruction of sebaceous glands.

Patients who were struggling with acne inflammation, acne scars, and uneven skin structure received a treatment using an 800NT filter, where over 50,000 joules were applied to the face and chin area with treatment parameters of 120 IU and filters of 420 - 5J and 100 ms. After the treatment, a clear thickening, tension, and lifting of the skin were noticed, and there was a fading of acne-related changes. Patients who were experiencing regularly occurring active changes reported positive results. The skin calmed down after the treatments.

Patients with adipose tissue problems on their face were also observed. Treatment was performed with an 800NT filter, delivering over 40,000 joules to the face and chin area, significantly thickening the skin, and improving the skin tone, providing

a refreshed and radiant look.

After three sessions of VELOCE treatment, all patients showed significant improvement, with the best results observed in patients with acne problems. The treatment is non-invasive and requires minimal convalescence time. Patients experienced only pleasant warmth on the skin, with no side effects observed.

## Conclusion

Overall, VELOCE technology has a significant effect on skin density, making it a comfortable and pleasant option for patients seeking to reduce active acne, post-acne scars, and loss of skin tightness. The technology also provides noticeable results for patients with adipose tissue problems, temporarily providing tension and preventing noticeable flaccidity.

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