

Dr. Anze Zorman graduated from the Medical University of Ljubljana, Slovenia. He did his internship at the Medical Center Novo Mesto, Slovenia and from 2013 to 2015 practiced medicine at the Health Center Sežana as a General Practitioner and Emergency Doctor. He joined Fotona in 2015 as clinical expert specializing in dermatology, aesthetics and surgery. Since then Dr. Zorman has been involved in the development of new applications and user education. He is also a researcher and regular lecturer for LA&HA.



Clinical Bulletin

J. LAHA, Vol. 2016, No. 1; p. CB02.

Treatment of a Hand Wart

Dr. Zorman, Anze

Parameters:

| | 1 st treatment (day 0) | 2 nd treatment (day 14) | 3 rd treatment (day 28) |
|-----------------------|-----------------------------------|------------------------------------|------------------------------------|
| Laser source | Nd:YAG, 1064 nm | Nd:YAG, 1064 nm | Nd:YAG, 1064 nm |
| Handpiece | R33-T | R33-T | R33-T |
| Fluence | 190 J/cm ² | 180 J/cm ² | 140 J/cm ² |
| Pulse duration | 20 ms | 20 ms | 15 ms |
| Spot size | 4 mm | 4 mm | 4 mm |
| Frequency | 1 Hz | 1 Hz | 1 Hz |
| Cooling | Cold air + ice packs | Cold air + ice packs | Cold air + ice packs |
| Number of laser shots | 22 | 15 | 12 |

Treatment procedure:

The patient came to the office because of a resistant wart located between his first and second finger on the palm of his left hand. It was previously treated unsuccessfully with cryotherapy and was increasing in size and bothering him in his daily tasks.

The wart was treated in 3 sessions with 2-week intervals. The parameters used were in accordance with Fotona's presets. Extensive cooling with cold air and ice packs was used before, in between and after the individual shots. Darkening of the wart was considered the endpoint in the first session. A cumulative number of shots (that was determined based on experience) was considered the endpoint for sessions 2 and 3. Only 2-3 consecutive shots were tolerated by the patient. In between, cooling was resumed. The pain was not scored according to VAS.

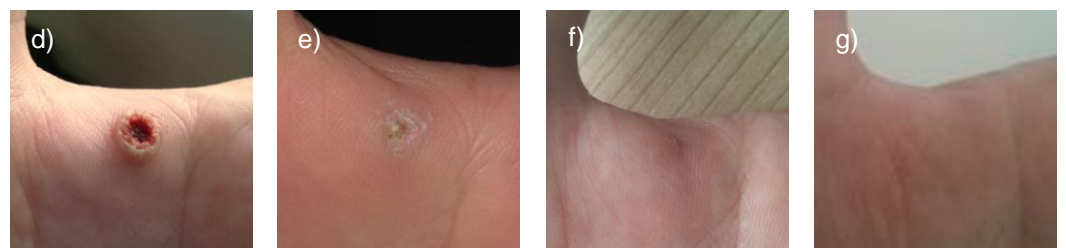
The wart changed during the treatment; it darkened and the top part peeled off 5 days after the second treatment. By the third treatment, it was significantly smaller. There was still wart tissue palpable so we decided to do another treatment. A follow up after 3 months showed complete clearance of the wart without any scarring or other damage to the skin.



Before treatment

2 days after the 1st treatment

4 days after the 2nd treatment



5 days after the 2nd treatment

Before the 3rd treatment

20 days after the 3rd treatment

Follow up after 3 months



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