

Dr. Dovšak is a specialist surgeon in maxillofacial surgery. He is the founder of the AMOK surgery and dentistry clinic, and an Expert Clinical Lecturer for the Laser and Health Academy.

Dr. Dovšak has been using a variety of Fotona dental laser systems in his practice for over a decade.



Fibroma Removal on the Nasal Labia Using Er:YAG – A Case Study *Dr. David Dovšak, M.D., Specialist Surgeon in Maxillofacial Surgery*

The patient in this case presented directly at our surgery with a benign fibroma on the right nasal labia, which caused aesthetic concerns. The patient also expressed aesthetic concerns. Prior to having the luxury of an Er:YAG laser at hand, we would have removed the fibroma using the Limberg flap technique. This is a considerably time consuming procedure, requiring a follow up visit and the results of the procedure are not as predictable as the removal of the fibroma with the Er:YAG laser.

The procedure was conducted under local anesthesia without additional cooling during the treatment. SP mode, Er:YAG pulses were used to plane down the lesion to just above the level of the adjacent tissue. Longer pulsewidth, LP mode pulses were then used to continue ablation to the level of the adjacent tissue. The longer pulses of LP mode introduce a thermal element to the otherwise cold ablation, providing coagulation of the vessels in the center of the fibroma. The coagulation of the blood vessels will be seen as a small dark spot appears in the center of the planed-down lesion. The entire procedure was performed in approximately one minute.

Laser source:	Er:YAG (2940 nm)
VSP Mode:	SP and LP
Fluence:	8 J/cm ²
Frequency:	10 Hz (SP) and 5 Hz (LP)
Handpiece:	R11*
Water/Air Spray Setting:	None

* available in AT Fidelis Aesthetic Upgrade package

No further post-operative care was required. The patient was released immediately after the procedure and instructed to apply a hydrating cream over the scab until it releases.

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Before

Immediately after

3 weeks after