

ASSESSMENT OF AESTHETIC EFFECTS AFTER LASER-ASSISTED CROWN LENGTHENING IN THE FRONTAL AESTHETIC REGIONS

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The crown lengthening in the frontal aesthetic regions includes removal of the incorrectly positioned gingiva and restoration of its margins, within acceptable limits for aesthetics. The crown lengthening can be performed much more simpler with the help of lasers.

Starting from the fact that aesthetic smile is more demanded by patients, as well as due to the advantages that laser light has, the main goal was set - to make an assessment of aesthetic effect of laser-assisted crown lengthening in the upper frontal region.

- **Material and method.**

The total number of subjects was 35. In order to fulfill the main goal, adequate questionnaire for subjective assessment of the achieved aesthetics with the help of prosthetic restorations by the patients was done. A small part of the questionnaire was done by the dentists who performed the interventions for assessment of the achieved aesthetics.

Impact on aesthetic	No	Percent
Improved	32	91.42 %
Decreased	1	2.86 %
No influence	2	5.72 %

Degree	No	Percent
significantly improved aesthetics	18	56.25 %
moderately improved aesthetics	12	37.5 %
satisfactorily improved aesthetics	2	6.25 %

subjects

doctors

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significantly improved aesthetics	18	56.25 %
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Most of the subjects subjectively estimated that they had a significant improvement in aesthetics, in contrast equal number of clinical doctors estimated that significant and a moderate improvement in aesthetics were achieved.

- **Conclusion.**

Based on this research, we can conclude that usage of the laser in the clinical crown lengthening procedures is characterized by a significantly improved aesthetics, assessed by the patients and by the dentists.

Your best quote that reflects your approach... "It's one small step for man, one giant leap for mankind."

- NEIL ARMSTRONG

THANK YOU FOR YOUR ATTENTION