

Soft tissue LASER's in Periodontics-A case report

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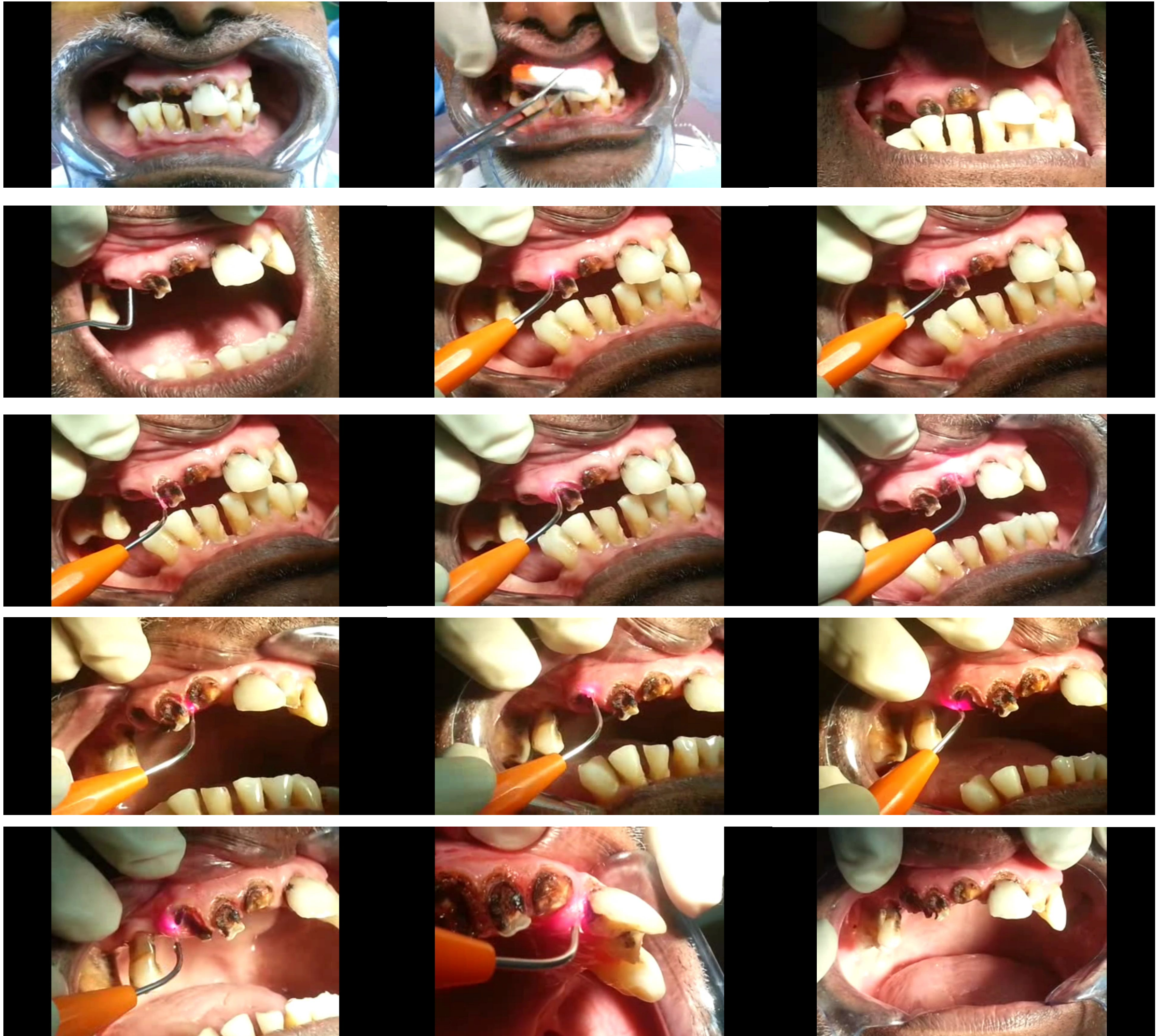
Introduction

Laser is a monochromatic light in visible or invisible range with three primary characteristics of collimation, coherency and efficiency. Surgical reduction of the overgrown tissues is frequently necessary to accomplish an esthetic and functional outcome. This can be done by scalpels or lasers. Laser is one of the most promising treatment modalities in periodontal treatment.

Common Uses in Periodontics: Gingivectomy and gingivoplasty, frenectomy and frenotomy, removal of granulation tissue, depigmentation, LANAP and LAPIP.

Case report

The patient was referred to the Periodontist for exposure of the tooth to facilitate further management. The gingiva was removed with the Diode Lasers (980 nm) to expose the tooth surface as shown below:



Conclusion

This case report demonstrates that patient with excessive gingival display can be safely, easily and effectively treated with minimal to no discomfort in the dental office by gingivectomy using diode laser resulting in the exposure of the desired tooth surface, to facilitate further dental management which can bring out a functional occlusion to the patient. The diode lasers provide the clinician with a tool to provide minimally invasive surgical alternative for the patient. The patient who opted for the procedure did not have any postoperative pain or discomfort. Though scalpel remains the gold standard choice in gingivectomy, lasers can be used as an adjunct tool for gingivectomy.

References

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