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## Aesthetic coverage of roots with coronally advanced flap-laser light for the added impetus: A case report

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**Abstract :** Recession is one of the most common clinical findings across the races. Faulty tooth brushing, local deposits, orthodontic appliances are few of the reasons for denuded teeth. A plethora of treatments including free gingival grafts, guided tissue regeneration, coronally advanced flap or coronally advanced flap with connective tissue graft have been used in the past to treat recessions. Most of these treatment modules have a very low predictability. Lasers have entered the field of dentistry a decade back and have applications for different soft tissue procedures. Thus, laser biostimulation was used in the present case in addition to coronally advanced flap procedure to increase the predictability. A 37 years old female patient presented to the Department of Periodontology, Krishnadevaraya College of Dental Sciences, Bangalore, India with a chief complaint of bleeding gums and root sensitivity. Upon examination Miller's Class II recession was seen in relation to 24. The subject did not have any systemic conditions which precluded surgery. A basic nonsurgical therapy was carried out and patient was recalled after 2 months. After explaining the procedure in detail, a verbal and written informed consent was obtained. Following the normal surgical protocol, a coronally advanced flap procedure was done with laser irradiation to the inner surface of the flap and on the sutured surface. A GaAlAr laser was used in the biostimulatory mode. Postsurgical instructions and medications were given.

**Conclusions:** It could be concluded that laser biostimulation can contribute positively and improve the overall results of coronally advanced flap procedure for root coverage.

### Biography

Rashmi Paramashivaiah has completed her undergraduation from M R Ambedkar Dental College, Bangalore (2001) and Postgraduation from The Oxford Dental College, Bangalore, India (2007). In addition to dentistry she also holds a master's Degree in Hospital Administration (IBMR, Bangalore 2004) having won the gold medal for Best Project at her institution. After passing out she has worked in teaching capacity and has guided students both academically as well as clinically taking a keen interest in their progress. She has been actively involved as a Principal Investigator in a major Clinical Trial conducted by Semlar Research, Bangalore. Being not just a regular attendee at national and international conferences, she has also presented several scientific papers at these gatherings. She has been awarded a prize for her Paper on Peri-Implantitis at ISOI, Bangalore in 2012. She has been a guest speaker for Indian Society of Periodontology and Colgate Palmolive at her institution on more than one occasion. As a Guest speaker she has presented even at an International Conference (Sri Lankan Academy of Aesthetic Dentistry, Colombo). Her literary skills have got recognition in the form of publications in varied journals. She is continuing her career by acting as a guide and co-guide to the post graduate candidates at the present teaching institute.

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