Assoc. Prof. Cena Dimova, PhD, MrSci, DDM, oral surgeon
1- Faculty of Medical Sciences[1], Head of Studies of General Stomatology
Department of oral surgery, University "Goce Delcev" – Stip, R. Macedonia

Denkovski Marijan, DDM
2 -PHO "d-r Denkovski"[2] – Kumanovo, Macedonia,

SOFT TISSUE APLICATION OF DIODE LASER IN ORAL SURGERY - two cases report

Dimova Cena[1], Denkovski Marijan[2]

Introduction: dental lasers are relatively easy to use, as long as the clinician has been trained properly. It is important to understand that lasers function with an "end cutting" action (that is, laser energy is emitted from the end of the laser), while most other dental instruments are "side cutting," with the cutting edges or abrasive surfaces located on the lateral surface. Although most laser soft tissue treatments heal by secondary intention, the postoperative course usually is uneventful. The use of laser is increasing in ordinary practice. The different wavelengths, active medium and power provide the operator with a wide range of uses.
Aim: The aim of our work was to present the use of diode laser in clinical practice and to underline the benefits of laser application in the soft tissue treatment
Material and method: For achieving the aim of the study Laser Diode was used. Indication for laser application was: - at first case – short labial frenulum - frenectomy and the second corrective preprosthetic indications - gingivectomy).
Results: Diode laser application approved our expectations of achieving immediate efficiency result, first of all minimizing intra operative and postoperative pain, good hemostasis, as well as excellent epitelisation and healing.
Conclusion: The benefits of diode laser treatment were equal because of saving treatment time in the procedure, as well as in the postoperative period with achieving good quality of patient life.